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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1925

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Published by authority of the Hon. J. D. Chaplin,
Minister of Trade and Commerce

+ + +

OTTAWA

1926

DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A.,F.S.S.,F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT ON STATISTICS OF STEAM RAILWAYS 1925

The first six months of 1925 were lean months for the railways, both freight and passenger revenues being below those of 1924 and also those of 1923. Freight traffic picked up in July and was considerably heavier each month to the close of the year than for the corresponding months in 1924 and the total traffic for the last six months was even heavier than in 1923 when Canada harvested its record wheat crop. For the first six months the wheat tonnage was 1,811,000 tons or 37 per cent less than in 1924 but by the end of the year it had increased to 1,554,195 tons over the 1924 tonnage. Oats tonnage was heavy for the last three months but the total for the year was 450,668 tons under the 1924 tonnage. Barley showed an increase but flour was lighter by 384,048 tons. Anthracite coal traffic was heavy up to September but the strikes at United States mines affected the September movement and greatly reduced the traffic for October, November and December, the total for the year being 974,286 tons less than during the previous year. Strikes at Canadian bituminous coal mines greatly reduced loadings during March-August but loadings for September-December were heavy and imports were also heavier than in 1924 so that the total for the year showed a decrease of only 477,287 tons, or 2.8 per cent. Iron ore tonnage was over 60 per cent heavier than the 1924 tonnage although it was only 76 per cent of the 1923 tonnage. Other ores and concentrates were heavier than during any previous year. Pulpwood tonnage was lighter than during 1924, also than during 1923. Refined petroleum and its products was 11 per cent heavier than in 1924 which was the previous high record. Automobiles also reached a new high record of 1,725,241 tons as against 1,160,836 in 1924. Paper and printed matter and wood pulp tonnages were also the heaviest on record. The total tons of freight carried was not as heavy as in 1923 and 1920 but the ton miles were exceeded only by the 1923 ton miles.

Passenger traffic was light all year but the reduction was principally in the short haul traffic, the average journey being 70.2 miles as against 66.9 miles in 1924. Passenger miles were greater than in 1924 by a small margin and also greater than in 1922 but they were less than in any other year since 1916. The passenger receipts however, were less than in 1924 and any other year since 1918 when the rates were given a flat increase. The increases over 1924 in gross revenues were all made in the last six months but the operating expenses were kept below those of 1924 up to August when the traffic began to pick up. Net operating revenues were below those of 1924 at the end of June but overcame the lead during July and continued to gain each month to the end of the year when they were $19,707,663 above those of 1924. The net revenues of $83,147,632 were the largest of any year since 1917 when they reached the peak and then declined reaching the low point in 1920.

The big saving in operating expenses compared with 1924 was in maintenance of way and structures, $4,036,161, and in transportation expenses, $6,998,403. General expenses were also less by $398,863, maintenance of equipment showed an increase of $1,012,503, but this account for 1924 was much lower than any year since 1919, and other accounts showed minor changes. Transportation expenses are made up principally of wages which increased $457,327 but savings were effected in materials, the largest being in fuel, which showed a reduction in quantity consumed of 181,685 tons and also in the cost which was $4,235,602 less than in 1924. Wages of maintenance of way and structures and equipment men were less by $2,529,119 and the total pay roll was reduced by $2,108,513, or .9 per cent for a reduction in the average number of employees of 3,943, or 2.3 per cent. The pay roll contains wages chargeable to both operating expenses and capital accounts and the above comparisons are thereby affected.

Freight train loading was considerably heavier than any previous year; the number of freight cars per train was 22.48 loaded and 11.35 empty, or a total of 33.83 compared with 31.32 in 1924, and the tons of revenue freight were greater by 24 tons. In addition to hauling heavier trains, the railways made a saving in the tons of fuel consumed per train mile, the consumption being 8.26 tons per 100 freight train miles compared with 8.46 tons in 1924 and 8.59 tons in 1923. The coal was also cheaper, the cost of fuel per 100 freight train miles being $42.62 in 1925 as against $46.61 in 1924 and $50.60 in 1923.

It is not always possible to effect economies in the loading of passenger trains but the fuel consumption showed a saving of .15 tons per 100 train miles compared with 1924 operation and .17 tons compared with 1923 and the cost of fuel per 100 passenger train miles was less than in 1924 by $2.39 and than in 1923 by $4.21. Larger and improved motive power was an important factor in these economies, the average tractive power being 33,858 pounds per locomotive as against 33,519 pounds in 1924 and 32,773 pounds in 1923.

The increase of $312,218 in railway tax accruals was principally in the income tax, the municipal and provincial taxes increasing by only $74,553, other taxes including taxes outside of Canada showing decreases, and the income tax increasing by $353,801.

New mileage opened for operation during the year totalled 505.76 miles, the bulk of it being in Saskatchewan, Alberta and British Columbia. The 32 miles of the Nipissing Central in Ontario which is operated by steam and part of which was opened late in 1924 is included for the first time in these statistics. Due to shortening and abandoning lines, converting branches into sidings, reclassification and reclaiming other pieces of track and the leasing of track to electric lines, there was a deduction of main line operated of 215.46 miles, making the net increase 290.30 miles.

During the year 5 passengers were killed in train accidents and 374 were injured out of a total of 41,458,084 passengers carried a distance of 2,910,760,047 miles or one passenger out of each 8¼ million carried was killed and one passenger out of each 111 thousand was injured, and for each billion passenger miles 1.7 passengers were killed and 128.5 were injured. Employees killed and injured were 82 and 2,158 respectively and other persons numbered 198 killed and 563 injured. Of these 107 fatalities were trespassers stealing rides, walking on the track, etc. and 81 were persons killed at highway crossings. Although the number of persons riding in motor vehicles that were killed at highway crossings was less than in 1924, being 66 as against 78, the number injured, 311, was the largest since 1922 when this segregation was first made in the statistics.

The attached tables give the more important data of the railways for 1925. The annual report is now being printed and will be ready for distribution in about two months'time.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1925

NO.	NAME OF RAILWAY	Total Operating Revenues	Total Operating Expenses
1	Alberta and Great Waterways	255,982.10	305,381.84
2	Algoma Central and Hudson Bay	1,532,478.07	1,569,799.29
3	Algoma Eastern	837,423.50	490,697.80
4	Atlantic, Quebec and Western	273,733.46	271,580.18
5	Brandon, Sask. and Hudson Bay	93,738.50	145,365.60
6	British Yukon	182,414.75	113,831.60
7	Canada and Gulf Terminal	114,670.80	87,676.06
8	Canada Southern	22,959,402.61	13,686,892.54
9	Canadian National Railways	208,218,920.82	184,373,201.44
10	Canadian Pacific	182,610,791.98	140,663,058.89
11	Central Canada	65,524.17	151,170.39
12	Central Vermont	250,612.57	312,002.75
13	Crow's Nest Southern	148,292.44	189,174.22
14	Cumberland	148,272.76	133,083.50
15	Dominion Atlantic	1,716,757.02	1,500,720.58
16	Eastern British Columbia	41,817.15	57,242.88
17	Edmonton, Dunvegan and British Columbia	941,116.24	871,150.84
18	Esquimalt and Nanaimo	1,458,314.23	938,685.66
19	Essex Terminal	251,567.72	235,289.17
20	Fredericton & Grand Lake Coal & Ry. Co.	111,198.72	81,496.21
21	Greater Winnipeg Water District	86,384.71	88,264.26
22	Hereford	94,718.70	164,371.77
23	Kent Northern	31,129.61	31,527.57
24	Kettle Valley	1,457,796.17	1,470,604.70
25	Lacombe and North Western	59,682.11	62,230.58
26	Maine Central	13,614.25	18,642.21
27	Manitoba Great Northern	68,089.95	111,003.51
28	Maritime Coal Railway and Power Co.	129,037.19	75,874.87
29	Massawippi Valley	313,652.92	377,077.19
30	Midland Railway of Manitoba	440,700.31	475,555.49
31	Montreal and Atlantic	1,598,041.83	1,384,543.16
32	Morrissey, Fernie and Michel	147,057.26	108,216.95
33	Napierville Junction	606,839.21	532,965.93
34	Nelson and Fort Sheppard	82,479.82	146,897.26
35	New Brunswick Coal and Railway Co.	53,156.47	66,191.05
36	Nipissing Central	53,777.08	92,466.86
37	Ottawa and New York	296,888.79	464,932.19
38	Pacific Great Eastern	436,833.37	721,351.67
39	Pere Marquette	5,084,484.55	2,971,925.08
40	Quebec Central	2,948,744.30	2,236,295.27
41	Quebec, Montreal and Southern	602,535.23	760,055.78
42	Quebec Oriental	319,268.23	284,264.02
43	Quebec Railway Light and Power Co.	1,289.40	1,140.47
44	Roberval-Saguenay	364,439.00	223,095.00
45	Rutland and Noyan	4,483.41	5,352.89
46	St. Lawrence and Adirondack	970,090.33	752,804.47
47	Sydney and Louisburg	813,703.57	743,029.96
48	Temiscouata	452,096.46	341,765.05
49	Temiskaming and Northern Ontario	4,771,442.02	3,787,343.71
50	Thousand Islands	83,633.24	56,368.10
51	Toronto, Hamilton and Buffalo	2,821,732.60	2,072,509.63
52	Vancouver, Victoria and Eastern	718,886.04	829,155.44
53	Wabash (in Canada)	7,157,549.94	4,664,332.66
	TOTAL	455,297,287.68	372,149,656.19

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1925

NO.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenues	Net Operating Income
1	- 49,399.74	5,680.07	-	- 55,079.81
2	- 37,321.22	36,751.56	-	- 74,072.78
3	346,725.70	2,345.21	-	344,380.49
4	2,153.28	3,866.06	-	- 1,712.78
5	- 51,627.10	2,186.83	-	- 53,813.93
6	68,583.15	8,864.38	-	59,718.77
7	26,994.74	791.28	-	26,203.46
8	9,272,510.07	445,639.68	414.41	8,826,455.98
9	23,845,719.38	2,893,424.36	50,907.44	20,901,387.58
10	41,947,733.09	4,828,843.91	-	37,118,889.18
11	- 85,646.22	988.01	-	- 86,634.23
12	- 61,390.18	2,897.35	-	- 64,287.53
13	- 40,881.78	18,741.28	-	- 59,623.06
14	15,189.26	928.94	-	14,260.32
15	216,036.44	19,009.54	-	197,026.90
16	- 15,425.73	3,164.20	-	- 18,589.93
17	69,965.40	9,452.83	-	60,512.57
18	519,628.57	71,621.63	-	448,006.94
19	16,278.55	10,288.11	-	5,990.44
20	29,702.51	3,140.00	-	26,562.51
21	- 1,879.55	-	-	- 1,879.55
22	- 69,653.07	2,074.18	-	- 71,727.25
23	- 397.96	136.60	-	- 534.56
24	- 12,808.53	79,319.58	176.71	- 92,304.82
25	- 2,548.47	594.25	-	- 3,142.72
26	- 5,027.96	699.05	-	- 5,727.01
27	- 42,913.56	1,706.23	-	- 44,619.79
28	52,162.32	738.17	-	52,424.15
29	- 63,424.27	5,674.87	-	- 69,099.14
30	- 34,855.18	43,502.23	-	- 78,357.41
31	213,498.67	31,088.20	-	182,410.47
32	38,840.31	209.15	-	38,631.16
33	223,873.28	12,875.00	15.00	210,983.28
34	- 64,417.44	12,236.76	-	- 76,654.20
35	-- 13,034.58	-	-	- 13,034.58
36	- 38,689.78	-	-	- 38,689.78
37	- 168,043.40	11,854.17	-	- 179,897.57
38	- 284,518.30	1,856.55	Cr. 10.31	- 286,364.54
39	2,112,559.47	82,378.71	Cr. 1,403.35	2,031,584.11
40	712,449.03	42,330.75	-	670,118.28
41	- 157,520.55	11,400.00	4.81	- 168,925.36
42	35,004.21	3,796.29	-	31,207.92
43	148.93	35.44	-	113.49
44	141,344.00	2,723.00	-	138,621.00
45	- 869.48	21.25	-	- 890.73
46	217,285.86	1,333.97	14.16	215,937.73
47	70,673.61	3,464.27	-	67,209.34
48	110,331.41	6,674.80	-	103,656.61
49	984,098.31	-	-	984,098.31
50	27,265.14	337.53	-	26,927.61
51	749,222.97	131,650.86	140.24	617,431.87
52	- 110,269.40	117,951.96	-	- 228,221.36
53	2,493,217.28	7,160.58	-	2,486,056.70
	83,147,631.49	8,984,449.63	50,259.11	74,112,922.75

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1925

NO.	NAME OF RAILWAY	Net Income from Outside Operations	Total Non-operating Income
1	Alberta and Great Waterways	Dr. 4,834.43	31,054.87
2	Algoma Central and Hudson Bay	-	163,525.65
3	Algoma Eastern	-	2,664.66
4	Atlantic, Quebec and Western	-	39,992.60
5	Brandon, Sask. and Hudson Bay	-	631.55
6	British Yukon	-	15,965.00
7	Canada and Gulf Terminal	-	2,324.87
8	Canada Southern	-	276,875.54
9	Canadian National Railways	Dr.103,875.16	14,558,188.35
10	Canadian Pacific	3,133,338.59	11,741,550.66
11	Central Canada	Dr. 573.34	208.85
12	Central Vermont	-	20,699.72
13	Crow's Nest Southern	-	44.56
14	Cumberland	-	-
15	Dominion Atlantic	2,643.35	7,575.42
16	Eastern British Columbia	-	16,713.72
17	Edmonton, Dunvegan and British Columbia	Dr. 3,917.12	26,482.29
18	Esquimalt and Nanaimo	-	-
19	Essex Terminal	-	17,127.45
20	Fredericton & Grand Lake Coal and Ry. Co.	-	-
21	Greater Winnipeg Water District	-	5,612.24
22	Hereford	-	2,624.95
23	Kent Northern	-	-
24	Kettle Valley	-	156,803.69
25	Lacombe and North Western	Dr. 283.07	325.84
26	Maine Central	-	353.43
27	Manitoba Great Northern	-	556.41
28	Maritime Coal Railway and Power Co.	-	-
29	Massawippi Valley	-	1,510.96
30	Midland Railway of Manitoba	-	40,867.36
31	Montreal and Atlantic	-	9,939.33
32	Morrissey, Fernie and Michel	-	61.65
33	Napierville Junction	-	15,984.97
34	Nelson and Fort Sheppard	-	5,144.52
35	New Brunswick Coal and Railway Co.	-	-
36	Nipissing Central	-	345.80
37	Ottawa and New York	-	6,120.12
38	Pacific Great Eastern	-	14,052.65
39	Pere Marquette	-	164,310.52
40	Quebec Central	-	11,700.61
41	Quebec, Montreal and Southern	-	343,083.49
42	Quebec Oriental	-	7,089.72
43	Quebec Railway Light and Power Co.	-	-
44	Roberval-Saguenay	-	-
45	Rutland and Noyan	-	4,000.00
46	St. Lawrence and Adirondack	-	1,661.76
47	Sydney and Louisburg	-	-
48	Temiscouata	-	3,050.09
49	Temiskaming and Northern Ontario	-	64,860.04
50	Thousand Islands	-	94.90
51	Toronto, Hamilton and Buffalo	-	247,574.54
52	Vancouver, Victoria and Eastern	-	296,974.74
53	Wabash (in Canada)	-	-
	TOTAL	3,023,198.82	28,326,330.09

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1925

NO:	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
1	Dr. 28,159.37	676,495.40	26,027.52	702,522.92	- 730,682.29
2	89,452.87	504,000.00	251,340.94	755,340.94	- 665,888.07
3	347,045.15	139,875.38	77,155.55	217,030.93	130,014.22
4	38,279.82	229,933.75	43,556.54	273,490.29	- 235,210.47
5	Dr. 53,182.38	-	2,422.28	2,422.28	- 55,604.66
6	75,683.77	103,828.03	1,979.20	105,807.23	- 30,123.46
7	28,528.33	57,000.00	15,627.14	72,627.14	- 44,098.81
8	9,103,331.52	-	3,295,377.91	3,295,377.91	5,807,953.61
9	35,355,700.77	71,070,384.78	5,672,473.97	76,742,858.75	-41,387,157.98
10	51,993,778.43	11,912,413.88	3,060,274.96	14,972,688.84	37,021,089.59
11	Dr. 86,998.72	173,087.33	28,910.44	201,997.77	- 288,996.49
12	Dr. 43,587.81	56,697.20	13,565.92	70,263.12	- 113,850.93
13	Dr. 59,578.50	-	4,272.01	4,272.01	- 63,850.51
14	14,260.32	-	2,732.00	2,732.00	11,528.32
15	207,245.67	239,926,67	206,384.50	446,311.17	- 239,065.50
16	Dr. 1,876.21	-	4,065.87	4,065.87	- 5,942.08
17	83,077.74	1,186,444.65	149,207.54	1,335,652.19	-1,252,574.45
18	448,006.94	270,457.90	90,119.24	360,577.14	87,429.80
19	23,117.89	21,000.00	-	21,000.00	2,117.89
20	26,562.51	-	60,147.12	60,147.12	-- 33,584.61
21	3,732.69	-	6,139.17	6,139.17	- 2,406.48
22	Dr. 69,102.30	-	55,553.53	55,553.53	- 124,655.83
23	Dr. 534.56	-	1,265.00	1,265.00	- 1,799.56
24	64,498.87	623,400.00	164,986.73	788,386.73	- 723,887.86
25	Dr. 3,099.95	92,537.79	3,913.29	96,451.08	- 99,551.03
26	Dr. 5,373.58	2,865.84	164.13	3,029.97	- 8,403.55
27	Dr. 44,063.38	-	6,354.02	6,354.02	- 50,417.40
28	52,424.15	27,900.00	9,854.25	37,754.25	14,669.90
29	Dr. 67,588.18	-	83,068.36	83,068.36	- 150,656.54
30	Dr. 37,490.05	-	68,865.44	68,865.44	- 106,355.49
31	192,349.80	52,650.00	89,337.32	141,987.32	50,362.48
32	38,692.81	-	-	-	38,692.81
33	226,968.25	-	70,286.21	70,286.21	156,682.04
34	Dr. 71,509.68	-	7,857.25	7,857.25	- 79,366.93
35	Dr. 13,034.58	-	5,924.26	5,924.26	- 18,958.84
36	Dr. 38,343.98	-	17,030.70	17,030.70	- 55,374.68
37	Dr. 173,777.45	-	85,564.96	85,564.96	- 259,342.41
38	Dr 272,311.89	2,283,022.94	131,967.63	2,414,990.57	-2,687,302.46
39	2,195,894.63	135,000.00	1,309,643.57	1,444,643.57	751,251.06
40	681,818.89	315,960.92	18,228.89	334,189.81	347,629.08
41	174,158.13	274,153.01	9,031.43	283,184.44	- 109,026.31
42	38,297.64	103,414.45	38,358.26	141,772.71	- 103,475.07
43	113.49	-	-	-	113.49
44	138,621.00	93,100.00	20,689.00	113,789.00	24,832.00
45	3,109.27	4,000.00	-	4,000.00	- 890.73
46	217,599.49	49,008.35	182,077.26	231,085.61	- 13,486.12
47	67,209.34	-	23,505.71	23,505.71	43,703.63
48	106,706.70	55,011.69	22,797.51	77,809.20	28,897.50
49	1,048,958.35	25,882.28	223,261.86	249,144.14	799,814.21
50	27,022.51	-	1,603.91	1,603.91	25,418.60
51	865,006.41	242,061.37	25,681.23	267,742.60	597,263.81
52	68,753.38	-	241,350.85	241,350.85	- 172,597.47
53	2,486,056.70	-	410,477.46	410,477.46	2,075,579.24
	105,462,451.66	91,021,513.61	16,340,479.84	107,361,993.45	-1,899,541.79

MILEAGE OPERATED

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1925

NAME OF RAILWAY	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1 Alberta and Great Waterways	300.09	2,667	297
2 Algoma Central and Hudson Bay	333.42	127,607	295
3 Algoma Eastern	87.80	69,797	488
4 Atlantic, Quebec and Western	104.31	45,519	41,016
5 Brandon, Sask. and Hudson Bay	69.45	15,788	43,056
6 British Yukon	90.32	288	3,676
7 Canada and Gulf Terminal	38.10	-	-
8 Canada Southern	396.49	1,914,597	2,281,401
9 Canadian National Railways	20,851.49	26,080,758	20,719,959
10 Canadian Pacific	13,760.80	23,223,411	19,298,074
11 Central Canada	86.61	24,461	17,888
12 Central Vermont	25.33	25,475	71,573
13 Crow's Nest Southern	74.18	23,241	33,038
14 Cumberland	32.00	2,434	-
15 Dominion Atlantic	304.54	152,850	257,801
16 Eastern British Columbia	14.00	-	-
17 Edmonton, Dunvegan and British Columbia	427.86	173,157	90,750
18 Esquimalt and Nanaimo	209.70	155,927	164,460
19 Essex Terminal	21.00	3,500	-
20 Fredericton & Grand Lake Coal and Railway Co.	31.10	-	-
21 Greater Winnipeg Water District	92.00	-	-
22 Hereford	53.06	4,802	27,984
23 Kent Northern	27.00	-	-
24 Kettle Valley	404.70	176,939	222,754
25 Lacombe and North Western	49.39	2,134	-
26 Maine Central	5.10	455	2,500
27 Manitoba Great Northern	92.95	3,535	9,390
28 Maritime Coal Railway & Power Co.	16.40	9,263	-
29 Massawippi Valley	38.43	38,886	63,981
30 Midland Railway of Manitoba	75.70	47,746	98,759
31 Montreal and Atlantic	184.60	231,542	286,625
32 Morrissey, Fernie and Michel	10.85	-	-
33 Napierville Junction	43.01	31,992	104,039
34 Nelson and Fort Sheppard	60.67	18,355	36,458
35 New Brunswick Coal and Railway Co.	59.20	-	-
36 Nipissing Central	32.00	12,168	47,384
37 Ottawa and New York	58.76	42,657	75,180
38 Pacific Great Eastern	360.80	32,925	118,184
39 Pere Marquette	336.97	817,265	241,458
40 Quebec Central	317.53	279,217	279,916
41 Quebec, Montreal and Southern	198.24	60,693	48,168
42 Quebec Oriental	98.15	53,541	37,932
43 Quebec Railway Light and Power Co.	25.12	20,499	12,611
44 Roberval-Saguenay	37.00	35,735	4,848
45 Rutland and Noyan	3.36	1,194	-
46 St. Lawrence and Adirondack	60.26	79,062	152,766
47 Sydney and Louisburg	79.20	72,244	33,644
48 Temiscouata	113.25	57,916	50,706
49 Temiskaming and Northern Ontario	388.50	646,382	609,066
50 Thousand Islands	6.00	4,815	30,130
51 Toronto, Hamilton and Buffalo	104.31	155,803	246,677
52 Vancouver, Victoria and Eastern	285.76	26,352	89,783
53 Wabash (in Canada)	245.40	1,116,822	345,968
54 Detroit River Tunnel Co.	3.26		
55 International Bridge & Terminal Co.	1.06		
56 Van Buren Bridge Company	.36		
TOTAL	#40,351.52	56,122,416	46,300,683

Excludes duplications

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1925

NO.	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-Revenue Trains
	## Freight	## Passenger			
1	43,102	10,378	-	56,444	8,862
2	132,118	39,241	-	299,261	25,769
3	23,269	30,845	-	124,399	630
4	13,348	4,591	4,135	108,609	1,405
5	-	-	69	58,913	136
6	18,567	15,191	180	37,902	1,435
7	16,042	10,518	-	26,560	-
8	71,631	12,187	223	4,280,039	61,675
9	2,955,656	678,496	16,695	50,451,564	1,967,676
10	1,578,010	365,064	9,194	44,473,753	905,896
11	-	-	-	42,349	1,192
12	-	-	75	97,123	1,349
13	-	-	252	56,531	3,264
14	9,071	14,799	-	26,304	-
15	82,900	21,864	73	515,488	7,247
16	6,335	1,153	680	8,168	124
17	-	-	-	263,907	15,488
18	2,244	1,876	-	324,507	16,940
19	-	-	-	3,500	-
20	22,216	-	-	22,216	-
21	-	-	-	-	-
22	24,234	3,326	-	60,346	1,222
23	8,750	8,750	-	17,500	-
24	22,873	4,164	515	427,245	111,912
25	8,851	1,848	-	12,833	234
26	4,330	1,095	-	8,380	95
27	17,047	7,289	-	37,261	1,235
28	9,480	5,568	-	24,311	-
29	15,118	6,792	-	124,777	1,571
30	-	-	199	146,704	200
31	5,449	3,315	96	527,027	5,428
32	28,750	13,359	-	42,109	-
33	-	-	-	136,031	13,206
34	-	-	118	54,931	2,258
35	24,012	11,832	-	35,844	-
36	-	-	104	59,656	-
37	-	-	4	117,841	5,733
38	34,437	19,023	-	# 204,569	37,725
39	7,695	2,145	-	1,068,563	24,542
40	101,381	30,129	-	690,643	9,236
41	60,876	13,934	-	183,671	5,165
42	13,779	9,931	-	115,183	1,797
43	3,520	1,807	43	38,480	-
44	24,104	12,260	-	76,947	-
45	-	-	-	1,194	18
46	-	-	219	232,047	3,665
47	13,421	6,611	412	126,332	-
48	14,851	5,117	-	128,590	29,135
49	58,051	27,499	1,035	1,342,033	78,099
50	-	-	-	34,945	-
51	-	-	-	402,480	10,668
52	44,610	8,918	262	169,925	6,766
53	-	-	-	1,462,790	3,134
	5,520,128	1,410,915	34,588	109,388,725	3,372,132

Contains 98,860 motor miles
Divided on car mileage basis

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1925

NO.	NAME OF RAILWAY	Tons Carried	Tons Carried One Mile
1	Alberta and Great Waterways	37,846	4,004,671
2	Algoma Central and Hudson Bay	394,477	79,406,918
3	Algoma Eastern	1,280,259	[illegible],715,196
4	Atlantic, Quebec and Western	206,713	8,300,85[illegible]
5	Brandon, Sask. and Hudson Bay	44,134	1,665,213
6	British Yukon	12,362	927,774
7	Canada and Gulf Terminal	51,216	1,103,494
8	Canada Southern	8,491,327	1,217,947,235
9	Canadian National Railways	43,911,107	15,553,387,347
10	Canadian Pacific	31,090,504	13,067,430,516
11	Central Canada	32,470	2,059,047
12	Central Vermont	419,687	8,277,410
13	Crow's Nest Southern	268,351	14,588,410
14	Cumberland	263,118	1,903,939
15	Dominion Atlantic	354,865	25,041,745
16	Eastern British Columbia	86,840	937,186
17	Edmonton, Dunvegan and British Columbia	282,349	38,279,947
18	Esquimalt and Nanaimo	1,221,075	31,[illegible],223
19	Essex Terminal	14,314	143,140
20	Fredericton and Grand Lake Coal and Ry.Co.	128,212	3,830,671
21	Greater Winnipeg Water District	117,643	-
22	Hereford	105,083	2,[illegible],031
23	Kent Northern	9,157	245,700
24	Kettle Valley	520,746	68,026,938
25	Lacombe and North Western	30,596	876,576
26	Maine Central	151,888	774,629
27	Manitoba Great Northern	55,766	1,516,622
28	Maritime Coal Railway & Power Co.	207,315	2,121,274
29	Massawippi Valley	544,514	17,168,425
30	Midland Railway of Manitoba	162,404	11,539,332
31	Montreal and Atlantic	1,203,768	66,880,206
32	Morrissey, Fernie and Michel	498,978	3,043,765
33	Napierville Junction	722,790	20,076,475
34	Nelson and Fort Sheppard	46,349	1,292,135
35	New Brunswick Coal and Railway Co.	144,517	1,072,841
36	Nipissing Central	34,614	467,390
37	Ottawa and New York	233,162	12,247,029
38	Pacific Great Eastern	95,247	4,383,936
39	Pere Marquette	2,751,469	424,751,278
40	Quebec Central	1,237,192	100,628,962
41	Quebec, Montreal and Southern	521,354	23,886,474
42	Quebec Oriental	121,789	9,350,177
43	Quebec Railway Light and Power Co.	195,951	2,273,007
44	Roberval-Saguenay	305,295	5,836,117
45	Rutland and Noyan	102,291	343,698
46	St. Lawrence and Adirondack	1,412,121	49,335,280
47	Sydney and Louisburg	1,997,740	28,509,621
48	Temiscouata	286,975	9,981,149
49	Temiskaming and Northern Ontario	1,358,314	233,506,361
50	Thousand Islands	52,710	333,692
51	Toronto, Hamilton and Buffalo	2,610,767	100,130,644
52	Vancouver, Victoria and Eastern	325,975	8,898,305
53	Wabash (in Canada)	3,095,213	666,079,683
	TOTAL	109,850,925	31,965,204,683

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1925

NO.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1	10,143	1,066,887	348,221	199,585	138,240
2	46,705	2,449,497	2,336,004	1,091,307	497,966
3	30,062	1,180,190	724,862	573,054	155,028
4	39,798	1,303,150	332,166	202,360	229,545
5	18,328	655,838	77,352	56,405	87,699
6	15,750	827,128	101,537	44,325	137,950
7	34,654	721,704	79,552	42,026	79,680
8	1,590,552	186,127,752	74,501,338	42,105,553	22,168,977
9	20,654,606	1,272,042,814	680,164,775	347,226,876	154,070,371
10	13,581,691	1,249,985,831	558,572,048	272,966,418	144,259,469
11	11,623	448,249	138,756	74,870	36,796
12	154,753	3,200,086	477,318	238,562	413,905
13	5,320	171,550	396,602	363,390	68,114
14	35,015	400,483	91,279	81,295	49,604
15	384,038	16,217,175	1,888,327	952,406	1,583,003
16	5,004	53,320	24,825	23,912	7,488
17	45,441	4,893,441	2,179,833	1,114,805	515,581
18	204,744	5,987,771	1,364,049	916,301	916,292
19	-	-	71,000	9,000	-
20	12,205	261,255	133,354	79,814	23,307
21	11,583	699,059	-	-	-
22	24,458	538,561	156,348	95,290	118,267
23	4,500	121,500	8,450	8,450	16,900
24	69,002	7,550,749	2,573,872	708,806	1,035,081
25	5,959	188,687	59,033	44,708	19,560
26	27,179	138,613	31,958	21,290	15,980
27	6,887	176,181	67,556	55,404	71,867
28	13,486	113,792	54,360	52,933	30,036
29	170,476	2,729,971	755,782	501,434	284,943
30	85,071	4,351,409	494,444	441,586	776,565
31	336,692	8,902,197	4,083,734	1,126,485	1,037,174
32	123,390	752,679	172,500	172,500	40,077
33	210,213	7,807,349	574,080	404,242	668,358
34	20,982	431,606	82,801	40,043	71,507
35	16,950	353,158	50,705	24,402	37,006
36	48,559	628,492	49,173	31,859	1,868
37	107,281	2,708,516	529,974	376,456	224,866
38	220,168	3,404,722	355,024	243,917	277,148
39	169,938	3,586,359	23,052,919	11,996,374	662,722
40	436,960	18,069,149	4,581,678	2,724,390	1,774,229
41	125,367	3,153,305	1,214,843	796,458	371,049
42	39,785	2,181,811	436,119	173,895	268,836
43	6,117	50,388	133,361	68,825	82,059
44	27,952	436,839	228,970	179,221	85,229
45	-	-	12,276	8,172	-
46	663,074	13,379,023	1,651,234	1,147,324	644,529
47	122,420	1,481,678	1,388,738	1,150,066	162,180
48	51,976	1,486,513	474,675	317,200	193,461
49	659,902	41,459,667	10,358,724	6,046,668	4,598,517
50	25,296	160,124	13,265	13,265	30,130
51	505,508	17,143,105	3,098,398	1,984,634	1,288,891
52	153,255	4,647,937	540,246	340,994	615,875
53	87,266	13,932,787	35,952,068	15,711,870	2,226,259
	41,458,084	2,910,760,047	1,417,240,506	715,371,425	343,170,184

EMPLOYEES AND THEIR COMPENSATION

CLASS OF EMPLOYEES	1925 Average No. of Employees.	Total Hours on Duty	Compensation Total for Year	Compensation Hourly Average
1-2 General Officers	924	2,372,011	5,430,043	-
3-4 Division officers	1,386	3,630,535	4,332,506	-
5-6 Clerks	18,096	43,472,235	25,015,336	.575
7 Messengers and attendants	1,408	3,241,302	900,277	.278
8 Assistant engineers and draftsmen	704	1,749,392	1,295,038	.740
9 M.W.& S. foremen(excluding Nos. 10&28)	729	1,879,258	1,298,328	.691
10 Section foremen	6,167	15,724,113	8,754,324	.557
11 General foremen, M.E. department	(2,209	(5,837,773	5,297,169	.907
12 Gang and other foremen, M.E. Department	(	(		
13 Machinists	4,522	9,535,694	7,045,739	.739
14 Boiler makers	1,371	2,940,383	2,167,424	.736
15 Blacksmiths	707	1,470,885	1,085,728	.738
16 Masons and bricklayers	156	361,691	256,588	.709
17 Structural iron workers	66	149,077	96,711	.649
18 Carpenters	6,280	13,563,640	8,681,482	.640
19 Painters and upholsterers	1,326	2,779,141	1,902,928	.684
20 Electricians	706	1,703,297	1,154,748	.678
21 Air-brake men	(			
22 Car inspectors	(5,817	13,625,935	8,808,438	.646
23 Car repairers	(	(		
24 Other skilled labour	4,154	9,297,868	5,964,272	.641
25 Mechanics helpers & apprentices	9,482	20,190,403	9,846,605	.488
26 Section men	20,108	49,079,448	17,995,795	.367
27 Other unskilled labour	8,732	20,407,031	6,911,980	.339
28 Foreman of const.gangs & work trains	220	615,580	423,029	.687
29 Other men on const.gangs & work trains	5,225	13,440,013	3,977,984	.296
30 Travelling agents and solicitors	325	769,795	771,677	1.002
31 Employees in outside agencies	(			
32 Other traffic employees	(444	1,066,740	1,269,816	1.190
33 Train despatchers and directors	548	1,382,478	1,576,887	1.141

EMPLOYEES AND THEIR COMPENSATION

CLASS OF EMPLOYEES	1925 Average No. of Employees.	Total Hours on Duty	Compensation Total for Year	Hourly Average
34 Telegraphers, telephoners and block operators	1,547	3,840,154	2,632,208	.685
35 Telegraphers and telephoners operating interlockers				
36 Levermen (non-telegraphers)	669	1,736,170	878,604	.506
37 Telegraphers-clerks	1,159	3,054,525	2,045,328	.670
38 Agent-telegraphers	2,996	7,964,192	5,652,164	.710
39 Station agents(non-telegraphers)	691	1,770,490	1,386,277	.781
40 Station masters and assistants	75	191,800	121,429	.633
41 Station service(except Nos. 5,6,37,38,40 and 60)	7,210	17,162,917	8,291,718	.483
42 Yardmasters	379	1,004,940	1,102,113	1.097
43 Yardmasters' assistants(not yard clerks)				
44 Yard engineers and motormen	1,075	3,321,763	2,777,195	.836
45 Yard firemen and helpers	1,096	3,339,113	2,165,452	.649
46 Yard conductors	1,171	3,284,116	2,660,609	.810
47 Yard brakemen	2,618	6,739,057	4,948,047	.734
48 Yard switch tenders	487	1,335,699	751,688	.563
49 Other yard employees	138	354,854	117,330	.331
50 Hostlers	657	1,780,333	1,105,662	.621
51 Enginehouse watchmen & labourers	7,630	18,670,761	7,772,528	.416
52 Road freight engineers and motormen	2,729	8,220,117	8,217,610	1.000
53 Road freight firemen and helpers	2,972	8,177,022	6,149,589	.752
54 Road freight conductors	2,235	6,992,888	6,000,185	.858
55 Road Freight brakesmen and flagmen	4,939	14,290,508	9,513,904	.666
56 Road passenger engineers and motormen	1,131	2,691,997	3,606,053	1.340
57 Road passenger firemen and helpers	1,140	2,649,164	2,687,606	1.015
58 Road passenger conductors	862	2,331,285	2,340,837	1.004
59 Road passenger baggagemen	784	2,094,663	1,554,910	.742
60 Road passenger brakemen and flagmen	1,174	2,981,859	2,189,776	.734
61 Other road trainmen	422	1,440,619	425,709	.296
62 Crossing flagmen and gatemen	824	2,166,079	774,082	.357
63 Drawbridge operators	105	283,232	131,395	.464
64 Floating equipment employees	1,929	5,577,543	2,144,780	.385
65 Express-service employees	3,096	7,867,007	4,135,564	.526
66 Policemen and watchmen	869	2,344,504	1,399,159	.597
67 All other transportation employees	513	2,178,900	575,764	.264
68 All other employees	8,893	23,085,533	9,239,625	.400
TOTAL	166,027	411,209,522	237,755,752	.578

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

SUMMARY
OF
OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF $500,000.
FOR YEAR ENDED DECEMBER 31, 1924

ERRATA

	Reads	Should Read
Average Miles of Road Operated	35,543.7	38,767.4
Daily Average per Mile of Road Operated		
Operating Revenue	$33.92	$31.10
Operating Expenses	$29.03	$26.61
No. of Tons Moved One Mile (Rev.Fr.)	2,337	2,143
No. of Tons Moved One Mile (All Fr.)	2,614	2,396
No. of Rev. Pass. Carried One Mile	219	201

13/3/25

DEPT. OF TRADE & COMMERCE
MAR 2 1927
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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

Sept 13/27

52-D-22

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1926

Published by authority of the Hon. James Malcolm, M. P.,
Minister of Trade and Commerce

OTTAWA

1927

50/13/9/27

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1926

Gross revenues earned by Canadian railways during 1926 were greater than for any other year, and although operating expenses were heavier than in 1925 and in 1924, they were less than in 1923 to 1920 inclusive, and the net revenues amounting to $104,096,301 were by far the largest earned, exceeding those of 1925 by $20,948,670.

The large gains in the net revenues were made in the first half of the year, the total at the end of June being $33,350,000, as against $15,300,000 in 1925. Net revenues in the last six months were large, but they were also large in 1925. Freight traffic was particularly heavy during January-June, the large crop of the previous year increasing the grain traffic by 1,832,000 tons for the six months.

Wheat traffic was considerably heavier than in either 1925 or 1924, the tonnage for the first six months being over 1,300,000 tons, or 40 per cent heavier than in 1925. Oats were heavier up to the end of August, but the new crop was light and the traffic fell off, showing a decrease of over a quarter of a million tons at the end of the year. Barley was heavy in May, June and July, but for the year was slightly lighter than in 1925. Flour moved more or less parallel with wheat, showing an increase for the year of 4 per cent. Other mill products were also heavier than in 1925 by 205,737 tons. Hay and straw was the heaviest in the past six years; in Quebec it increased from 329,010 tons in 1925 to 518,838 tons, which accounted for more than the net increase for the Dominion. Fresh apples were lighter in Nova Scotia by 12,902 tons and in Ontario by 4,595 tons, but in British Columbia the tonnage increased by 1,354 tons. Other fresh fruit which is composed principally of imported fruit, increased 12 per cent. The tonnage of potatoes handled was also the heaviest in the last six years. In Prince Edward Island the tonnage of this commodity is the heaviest of any commodity handled, and it increased from 66,566 tons in 1925 to 81,710 tons. In New Brunswick, Quebec and all the western provinces increases were also recorded. Live stock and animal products, which constitute only about 3 per cent of the total tonnage, showed a small decrease. Anthracite coal showed an increase of 901,468 tons and bituminous and lignite coal, an increase of 3,252,822 tons, the strikes in the Canadian bituminous mines and in the United States anthracite mines during 1925 affected these

increases. Ores and concentrates tonnage reached a high record at 3,249,471 tons, the tonnage originating in British Columbia advancing from 606,562 tons in 1925 to 1,361,905 tons in 1926 and in Ontario from 1,599,952 tons in 1925 to 1,749,845 tons. Pulpwood was heavy all year, especially in Quebec. Lumber also showed an increase of 203,599 tons. Refined petroleum and its products, which includes gasoline, lubricating oils, etc. increased by 156,241 tons and was heavier than in any previous year. Bar and sheet iron and structural iron also was heavy with 1,560,885 tons as against 1,333,646 tons in 1925, the tonnage originating at Ontario points increasing by 190,341 tons. Castings and cement also showed heavier tonnage than in previous years. Automobile tonnage increased by 232,700 tons, or 15 per cent, over 1925 tonnage, the previous high record. Although the tonnage originating at Canadian stations and also the imports showed substantial increases, the big increase was in the automobile tonnage passing through Canada, which increased from 1,262,863 tons in 1925 to 1,450,571 tons, or an increase of 187,708 tons. Household goods which is largely settlers' effects, increased slightly. Liquors and beverages increased by 6 per cent, paper and printed matter increased by 192,425 tons and merchandise was heavier by 448,038 tons. All the above tonnages exclude duplications where more than one railway handled the same freight.

Passenger traffic was heavier than in 1925, both in the number of passengers carried and in the passenger miles, and passenger revenues were increased by $2,970,984.

Operating expenses were heavier than in 1925 by $17,353,796, maintenance of way and structures increasing by $7,079,888, maintenance of equipment by $5,704,332 and transportation expenses by $3,161,356. Compared with expenses of 1924 to 1921 inclusive, transportation expenses were less by substantial amounts and total operating expenses were only $7,019,544 heavier than in 1924 and were less than for any other of these years.

Railway tax accruals increased from $8,984,450 in 1925 to $10,783,788, the taxes on the Canadian National system increasing from $2,893,424 to $3,474,286, or by $580,862, which included $500,000 paid to the Maritime Provinces. Previously no taxes had been paid on the old Canadian Government lines and in 1926 an agreement was made between the provinces and the Canadian National railways whereby the railway agreed to pay $250,000 per annum retroactive to 1925. On the Canadian Pacific railway taxes increased from $4,828,843 to $5,722,082, or by $893,239; the income tax of the Canadian Pacific amounted to $2,000,000 for 1926. The only other railways reporting income taxes of substantial amounts were the Canada Southern (operated by the Michigan Central) $580,184, Pere Marquette $93,620, and the Toronto, Hamilton and Buffalo $91,823.

The pay roll increased from $237,755,752 in 1925 to $253,412,423, of which $225,796,455 was charged to operating expenses, the remainder, $27,615,968, being wages paid for new construction and charged to capital account, and salaries and wages of outside operations. Some of the railways in previous years did not include wages charged to capital, also a new classification of employees was adopted; so that the data are not directly comparable with previous years.

Although during the year 439.55 miles of new line were opened for operation, including 63.9 miles in the state of Vermont from Wells river to Newport leased by the Canadian Pacific railway, there was only an increase in the total mileage operated of 1.29 miles. The Hudson Bay railway with 214 miles of track which the Canadian National previously included, was turned over to the Canadian Government and classified as mileage under construction in 1926 and was not included as mileage operated. Also in Manitoba, the Manitoba Great Northern dismantled 49.44 miles and 47 miles of new track was opened for operation, the net decrease in that province being 244 miles. In Saskatchewan the Canadian National mileage increased by 108.7 miles and the Canadian Pacific increased 102.8 miles. In Alberta the net increase was 83.7 miles and in British Columbia there was a net reduction of 45.19 miles, the Crow's Nest Southern removing 40.92 miles of track between Fernie and Michel and Elko.

The coal consumption increased by 5 per cent, but the cost was less than in 1925 by $1,066,533.

During the year 20 passengers were killed, as against 5 in 1925 and 19 in 1924. The number of passengers injured was only one more than in 1925, viz. 375. The number of employees killed also increased from 82 in 1925 to 102 in 1926, the number killed in collisions increasing from 5 to 20. The number of employees injured was less than any year since 1921, totalling 2,141 as against 2,158 the previous year. The number of trespassers killed, 149, was the largest in the past 9 years. During the year 144 persons were killed at highway crossings, which was the highest yet recorded, and 334 were injured.

Automobile accidents at highway crossings were responsible for the deaths of 96 persons and injuries to 281 persons, whereas 22 persons riding in other vehicles were killed and 38 injured. The number of pedestrians killed at highway crossings also showed an increase from 4 in 1925 to 25 in 1926; those injured decreased from 12 to 11.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1926

NO.	NAME OF RAILWAY	Total Operating Revenues	Total Operating Expenses
1.	Alberta and Great Waterways	285,426.54	310,220.15
2.	Algoma Central and Hudson Bay	1,897,173.24	1,740,314.68
3.	Algoma Eastern	831,803.46	519,389.78
4.	Atlantic, Quebec and Western	236,768.40	251,888.11
5.	Brandon, Sask. and Hudson Bay	89,248.06	115,230.83
6.	British Yukon	185,196.28	120,708.41
7.	Canada and Gulf Terminal	126,529.60	96,970.55
8.	Canada Southern	24,345,821.75	14,340,865.27
9.	Canadian National	225,547,852.16	190,173,271.00
10.	Canadian Pacific	197,636,215.41	149,713,398.07
11.	Central Canada	62,916.69	143,028.89
12.	Central Vermont	312,626.85	268,652.43
13.	Crow's Nest Southern	133,924.93	133,319.22
14.	Cumberland	220,496.17	169,223.85
15.	Dominion Atlantic	1,635,881.61	1,577,955.35
16.	Eastern British Columbia	53,389.79	68,118.29
17.	Edmonton, Dunvegan and British Columbia	946,557.85	857,809.54
18.	Esquimalt and Nanaimo	1,560,315.10	999,120.14
19.	Essex Terminal	326,877.01	224,231.85
20.	Fredericton & Grand Lake Coal & Ry. Co.	104,186.46	74,813.60
21.	Greater Winnipeg Water District	93,568.92	96,537.44
22.	Kent Northern	33,476.54	32,458.35
23.	Kettle Valley	1,887,020.16	1,468,654.98
24.	Lacombe and North Western	64,859.00	67,841.50
25.	Maine Central	17,884.32	20,207.57
26.	Manitoba Great Northern	35,701.03	55,740.91
27.	Maritime Coal Railway and Power Co.	118,561.78	84,509.87
28.	Massawippi Valley	140,409.43	145,211.48
29.	Midland Railway of Manitoba	471,171.85	415,876.85
30.	Montreal and Atlantic	1,808,249.53	1,665,026.45
31.	Morrissey, Fernie and Michel	124,116.16	97,218.45
32.	Napierville Junction	696,276.57	583,652.55
33.	Nelson and Fort Sheppard	100,897.96	109,431.45
34.	New Brunswick Coal and Railway Co.	43,500.14	92,762.24
35.	Nipissing Central	66,528.61	96,767.01
36.	Ottawa and New York	290,295.58	407,720.23
37.	Pacific Great Eastern	473,918.39	747,420.17
38.	Pere Marquette	5,608,443.61	3,060,500.47
39.	Quebec Central	3,210,981.24	2,412,119.36
40.	Quebec, Montreal and Southern	779,181.40	847,567.68
41.	Quebec Oriental	345,376.26	320,186.53
42.	Quebec Railway Light and Power Co.	569,228.00	482,585.80
43.	Roberval-Saguenay	582,716.00	398,214.65
44.	Rutland and Noyan	4,054.33	5,102.73
45.	St. Lawrence and Adirondack	1,214,017.19	787,521.07
46.	Sydney and Louisburg	1,375,808.91	1,214,675.85
47.	Temiscouata	424,807.14	316,904.01
48.	Temiskaming and Northern Ontario	4,937,399.79	3,633,516.09
49.	Thousand Islands	82,319.55	60,875.49
50.	Toronto, Hamilton and Buffalo	3,094,431.76	2,015,374.91
51.	Vancouver, Victoria and Eastern	751,372.66	654,724.52
52.	Wabash (in Canada)	7,563,972.49	5,203,015.63
	TOTAL	493,599,753.66	389,503,452.30

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1926

NO.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
1.	- 24,793.61	5,846.40	16.40	- 30,656.41
2.	156,853.56	35,982.87	-	120,875.69
3.	312,413.68	2,266.85	-	310,146.83
4.	- 15,119.71	3,404.10	-	- 18,523.81
5.	- 25,982.77	2,014.36	-	- 27,997.13
6.	64,487.87	8,842.15	-	55,645.72
7.	29,559.05	1,596.45	-	27,962.60
8.	10,004,956.48	744,116.80	1,125.00	9,259,714.68
9.	35,374,581.16	3,474,286.93	35,948.39	31,864,345.84
10.	47,922,817.34	5,722,082.54	-	42,200,734.80
11.	- 80,112.20	1,333.85	-	- 81,446.05
12.	43,974.42	2,660.43	-	41,313.99
13.	605.71	19,010.24	-	- 18,404.53
14.	51,272.32	3,177.62	-	48,094.70
15.	107,926.26	19,054.68	-	88,871.58
16.	- 14,728.50	3,179.20	-	- 17,907.70
17.	88,748.31	10,321.18	-	78,427.13
18.	561,194.96	76,680.28	-	484,514.68
19.	102,645.16	18,207.64	-	84,437.52
20.	29,372.86	3,258.60	-	26,114.26
21.	- 2,968.52	-	-	- 2,968.52
22.	1,018.19	154.98	-	863.21
23.	418,365.18	75,312.46	28.00	343,024.72
24.	- 2,982.50	635.33	-	- 3,617.83
25.	- 2,323.25	697.95	-	- 3,021.20
26.	- 20,039.88	998.76	-	- 21,038.64
27.	34,051.91	735.89	-	33,316.02
28.	- 4,802.05	545.97	-	- 5,348.02
29.	55,295.00	42,876.41	-	12,418.59
30.	143,223.08	34,250.31	-	108,972.77
31.	26,897.71	232.81	-	26,664.90
32.	107,624.02	2,445.00	8.00	105,171.02
33.	- 8,533.49	12,337.09	-	- 20,870.58
34.	- 49,262.10	-	-	- 49,262.10
35.	- 30,238.40	-	-	- 30,238.40
36.	- 117,424.65	11,874.27	-	-129,298.92
37.	- 273,501.78	-	-	-273,501.78
38.	2,547,943.14	96,868.21	210.54	2,450,864.39
39.	798,861.88	52,528.09	-	746,333.79
40.	- 68,386.28	10,545.00	51.90	- 78,983.18
41.	25,189.73	3,394.67	-	21,795.06
42.	86,642.20	12,802.55	-	73,839.65
43.	184,501.35	3,628.70	-	180,872.65
44.	- 1,048.40	21.25	-	- 1,069.65
45.	426,496.12	2,822.15	24.86	423,649.11
46.	161,133.06	4,379.80	-	156,753.26
47.	107,903.13	6,690.67	-	101,212.46
48.	1,303,883.70	-	-	1,303,883.70
49.	21,444.06	453.65	-	20,990.41
50.	1.079,056.85	119,267.95	206.47	959,582.43
51.	96,648.14	124,505.75	-	- 27,857.61
52.	2,360,956.86	5,459.21	-	2,355,497.65
	104,096,301.36	10,783,788.05	37,619.56	93,274,893.75

INCOME ACCOUNT FOR THE YEAR ENDED D ECEMBER 31, 1926

NO.	NAME OF RAILWAY		Net Income from Outside Operations	Total Non-operating Income
1.	Alberta and Great Waterways	Dr.	3,331.24	21,955.92
2.	Algoma Central and Hudson Bay		-	161,093.39
3.	Algoma Eastern		-	4,281.18
4.	Atlantic, Quebec and Western		-	26,587.11
5.	Brandon, Sask. and Hudson Bay		-	11,039.91
6.	British Yukon		-	15,965.00
7.	Canada and Gulf Terminal		-	6,152.01
8.	Canada Southern		-	296,147.86
9.	Canadian National	Dr.	48,977.27	13,606,147.65
10.	Canadian Pacific		3,316,096.03	10,904,053.18
11.	Central Canada	Dr.	669.22	533.27
12.	Central Vermont		-	21,063.70
13.	Crow's Nest Southern		-	43,608.01
14.	Cumberland		-	-
15.	Dominion Atlantic		9,662.13	4,199.86
16.	Eastern British Columbia		-	11,714.19
17.	Edmonton, Dunvegan & British Columbia	Dr.	2,089.83	38,008.10
18.	Esquimalt and Nanaimo		-	-
19.	Essex Terminal		-	18,801.36
20.	Fredericton & Grand Lake Coal & Ry. Co.		-	-
21.	Greater Winnipeg Water District		-	12,238.07
22.	Kent Northern		-	-
23.	Kettle Valley		-	159,802.41
24.	Lacombe and North Western		787.46	5,132.18
25.	Maine Central		-	328.79
26.	Manitoba Great Northern		-	4,614.42
27.	Maritime Coal Railway & Power Co.		-	-
28.	Massawippi Valley		-	339.96
29.	Midland Railway of Manitoba		-	68,609.19
30.	Montreal and Atlantic		-	4,705.43
31.	Morrissey, Fernie and Michel		-	847.23
32.	Napierville Junction		-	16,768.19
33.	Nelson and Fort Sheppard		-	39,266.72
34.	New Brunswick Coal and Railway Co.		-	-
35.	Nipissing Central		-	2.00
36.	Ottawa and New York		-	6,064.47
37.	Pacific Great Eastern		-	14,149.06
38.	Pere Marquette		-	162,974.69
39.	Quebec Central		-	10,260.43
40.	Quebec, Montreal and Southern		-	335,439.39
41.	Quebec Oriental		-	6,840.34
42.	Quebec Railway Light and Power Co.		-	-
43.	Roberval-Saguenay		-	7,609.00
44.	Rutland and Noyan		-	4,000.00
45.	St. Lawrence and Adirondack		-	4,757.57
46.	Sydney and Louisburg		-	-
47.	Temiscouata		-	3,315.20
48.	Temiskaming and Northern Ontario		-	54,521.30
49.	Thousand Islands		-	308.90
50.	Toronto, Hamilton and Buffalo		-	230,507.07
51.	Vancouver, Victoria and Eastern		-	369,715.16
52.	Wabash (in Canada)		-	-
	TOTAL		3,271,478.06	26,714,468.87

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1926

NO.	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
1.	- 12,031.73	707,303.93	25,236.24	732,540.17	- 744,571.90
2.	281,969.08	504,000.00	251,473.68	755,473.68	- 473,504.60
3.	314,428.01	117,381.03	79,146.76	196,527.79	117,900.22
4.	8,063.30	229,933.75	34,647.13	264,580.88	- 256,517.58
5.	- 16,957.22	86,204.36	2,076.71	88,281.07	- 16,670.35
6.	71,610.72	-	10,139.69	10,139.69	- 27,096.91
7.	34,114.61	57,000.00	8,550.00	65,550.00	- 31,435.39
8.	9,555,862.54	-	3,242,217.03	3,242,217.03	6,313,645.51
9.	45,421,516.22	70,502,726.46	4,812,862.69	75,315,589.15	-29,894,072.93
10.	56,420,884.01	12,254,765.07	3,087,080.07	15,341,845.14	41,079,038.87
11.	- 81,582.00	172,940.45	24,834.39	197,774.84	- 279,356.84
12.	62,377.69	41,855.06	16,656.78	58,511.84	3,865.85
13.	25,203.48	-	10,894.23	10,894.23	14,309.25
14.	48,094.70	-	2,795.52	2,795.52	45,299.18
15.	102,733.57	239,926.67	189,591.54	429,518.21	- 326,784.64
16.	- 6,193.51	-	3,403.26	3,403.26	- 9,596.77
17.	114,345.40	780,153.79	173,293.76	953,447.55	- 839,102.15
18.	484,514.68	276,125.85	116,905.54	393,031.39	91,483.29
19.	103,238.88	21,000.00	-	21,000.00	82,238.88
20.	26,114.26	-	55,760.31	55,760.31	- 29,646.05
21.	9,269.55	-	6,822.50	6,822.50	2,447.05
22.	863.21	-	1,549.00	1,549.00	- 685.79
23.	502,827.13	623,400.00	173,739.77	797,139.77	- 294,312.64
24.	2,301.81	94,423.97	5,534.83	99,958.80	- 97,656.99
25.	- 2,692.41	2,865.84	241.38	3,107.22	- 5,799.63
26.	- 16,424.22	-	9,232.23	9,232.23	- 25,656.45
27.	33,316.02	-	39,229.00	39,229.00	- 5,912.98
28.	- 5,008.06	-	36,780.46	36,780.46	- 41,788.52
29.	81,027.78	-	86,083.03	86,083.03	- 5,055.25
30.	113,678.20	52,650.00	81,114.34	133,764.34	- 20,086.14
31.	27,512.13	-	-	-	27,512.13
32.	121,939.21	3.34	80,895.08	80,898.42	41,040.79
33.	18,396.14	-	8,116.06	8,116.06	10,280.08
34.	- 49,262.10	-	7,732.57	7,732.57	- 56,994.67
35.	- 30,236.40	-	18,166.30	18,166.30	- 48,402.70
36.	-123,234.45	-	72,756.86	72,756.86	- 195,991.31
37.	-259,352.72	2,307,713.93	123,097.19	2,430,811.12	- 2,690,163.84
38.	2,613,839.08	135,000.00	1,382,622.94	1,517,622.94	1,096,216.14
39.	756,594.22	315,960.92	61,526.67	377,487.59	379,106.63
40.	256,456.21	256,268.94	9,174.12	265,443.06	- 8,986.85
41.	28,635.40	103,609.25	28,959.01	132,568.26	- 103,932.86
42.	73,839.65	-	-	-	73,839.65
43.	188,481.65	93,100.00	56,348.00	149,448.00	39,033.65
44.	2,930.35	4,000.00	-	4,000.00	- 1,069.65
45.	428,406.68	49,007.55	229,087.88	278,095.43	150,311.25
46.	156,753.26	-	27,463.55	27,463.55	129,289.71
47.	104,527.66	57,126.71	20,242.59	77,369.30	27,158.36
48.	1,358,405.00	97,625.92	216,769.12	314,395.04	1,044,009.96
49.	21,299.31	-	640.63	640.63	20,658.68
50.	1,190,089.50	231,205.76	30,446.99	261,652.75	928,436.75
51.	341,857.55	-	274,219.58	274,219.58	67,637.97
52.	2,355,497.65	-	459,514.74	459,514.74	1,895,982.91
	123,260,840.68	90,415,278.55	15,695,671.75	106,110,950.30	17,149,890.38

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1926

NAME OF RAILWAY	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1. Alberta and Great Waterways	300.09	1,639	174
2. Algoma Central and Hudson Bay	333.42	221,052	232
3. Algoma Eastern	87.80	66,653	202
4. Atlantic, Quebec and Western	104.31	35,081	40,198
5. Brandon, Sask. and Hudson Bay	69.45	16,454	43,194
6. British Yukon	90.32	-	4,392
7. Canada and Gulf Terminal	38.10	-	32,401
8. Canada Southern	381.50	1,963,462	2,461,840
9. Canadian National	20,859.56	28,008,029	20,604,659
10. Canadian Pacific	14,004.00	24,775,245	19,299,116
11. Central Canada	86.61	22,476	18,232
12. Central Vermont	25.33	37,150	71,525
13. Crow's Nest Southern	52.99	19,653	33,172
14. Cumberland	32.00	5,870	206
15. Dominion Atlantic	304.54	139,956	274,411
16. Eastern British Columbia	14.00	-	-
17. Edmonton, Dunvegan and British Columbia	428.04	177,919	91,440
18. Esquimalt and Nanaimo	209.70	170,234	165,837
19. Essex Terminal	21.00	4,500	-
20. Fredericton & Grand Lake Coal & Ry. Co.	31.10	-	-
21. Greater Winnipeg Water District	92.00	-	-
22. Kent Northern	27.00	-	-
23. Kettle Valley	404.70	195,571	219,403
24. Lacombe & North Western	71.56	2,818	-
25. Maine Central	5.10	420	2,335
26. Manitoba Great Northern	15.78	4,316	9,439
27. Maritime Coal Ry. and Power Co.	16.40	11,276	-
28. Massawippi Valley	# -	16,257	26,757
29. Midland Railway of Manitoba	75.76	48,270	97,690
30. Montreal and Atlantic	184.60	259,100	294,632
31. Morrissey, Fernie and Michel	6.15	-	-
32. Napierville Junction	43.01	35,800	106,859
33. Nelson and Fort Sheppard	60.67	18,413	1,124
34. New Brunswick Coal and Railway Co.	59.20	-	-
35. Nipissing Central	32.00	12,292	46,165
36. Ottawa and New York	58.77	36,572	75,960
37. Pacific Great Eastern	360.80	37,394	27,252
38. Pere Marquette	336.97	914,018	183,091
39. Quebec Central	355.60	279,727	325,527
40. Quebec, Montreal and Southern	198.24	86,097	48,166
41. Quebec Oriental	98.15	53,099	36,750
42. Quebec Railway Light and Power Co.	25.37	24,547	15,046
43. Roberval-Saguenay	37.00	28,847	43,525
44. Rutland and Noyan	3.36	1,158	-
45. St. Lawrence and Adirondack	60.26	87,861	170,944
46. Sydney and Louisburg	78.18	160,426	33,790
47. Temiscouata	113.25	52,246	50,706
48. Temiskaming and Northern Ontario	388.50	614,622	611,559
49. Thousand Islands	6.08	4,131	31,920
50. Toronto, Hamilton and Buffalo	104.31	157,868	247,768
51. Vancouver, Victoria and Eastern	285.38	25,693	77,856
52. Wabash (in Canada)	245.40	1,342,008	345,629
53. Detroit River Tunnel Co.	3.26		
54. International Bridge & Terminal Co.	1.06		
55. Van Buren Bridge Co.	.36		
TOTAL	xx 40,352.81	60,176,220	46,271,124

xx Excludes duplications. # Included in Quebec Central.

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1926

NO.	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
	## Freight	## Passenger			
1.	36,855	8,211	-	46,879	2,615
2.	139,305	43,991	-	404,580	56,340
3.	18,548	36,006	-	121,409	4,417
4.	11,998	5,650	2,627	95,554	830
5.	-	-	276	59,924	743
6.	21,536	14,358	180	40,466	1,668
7.	14,112	8,466	-	54,979	--
8.	75,726	16,376	-	4,517,404	67,519
9.	2,819,532	635,354	34,037	52,101,611	2,399,232
10.	1,763,804	366,883	23,740	46,228,788	998,837
11.	-	-	-	40,708	1,089
12.	-	-	-	108,675	718
13.	-	-	106	52,931	1,996
14.	17,082	7,675	-	30,833	-
15.	143,243	28,045	306	585,961	20,322
16.	6,423	1,113	480	8,016	14
17.	-	-	-	269,359	10,062
18.	879	341	140	337,431	19,848
19.	-	-	-	4,500	-
20.	22,544	-	-	22,544	-
21.	-	-	-	-	-
22.	8,750	8,750	-	17,500	-
23.	18,196	2,535	302	436,007	72,765
24.	9,302	1,660	-	13,780	17,748
25.	5,674	1,746	-	10,175	125
26.	9,015	4,632	-	27,402	4,361
27.	9,277	5,447	-	26,000	-
28.	6,097	2,933	-	52,044	859
29.	162	36	134	146,292	139
30.	5,411	3,325	181	562,649	11,305
31.	28,777	12,000	-	40,777	-
32.	-	-	-	142,659	13,994
33.	-	-	-	19,537	1,654
34.	24,338	11,224	-	35,562	-
35.	-	-	-	58,457	2,679
36.	-	-	-	112,532	5,704
37.	30,440	16,054	1,035	X 112,175	35,579
38.	53,549	17,673	-	1,168,331	4,595
39.	111,174	35,339	-	751,767	3,370
40.	67,119	9,367	134	211,183	6,958
41.	13,502	9,816	392	113,559	1,876
42.	2,398	1,129	-	43,120	531
43.	16,132	5,720	-	94,224	-
44.	-	-	-	1,158	27
45.	-	-	55	258,860	3,905
46.	15,024	5,008	129	214,377	-
47.	14,208	5,696	-	122,856	4,379
48.	66,016	32,544	586	1,325,327	65,485
49.	-	-	-	36,051	5,976
50.	-	-	-	405,636	11,175
51.	45,194	9,487	460	158,690	12,473
52.	-	-	-	1,687,637	4,681
	5,651,642	1,374,590	65,300	113,538,876	3,878,593

Divided on car mileage basis.

X Exclusive of 97,428 motor miles.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1926.

NO.	NAME OF RAILWAY	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	37,121	5,020,622
2.	Algoma Central and Hudson Bay	532,980	113,533,926
3.	Algoma Eastern	1,292,662	24,075,684
4.	Atlantic, Quebec and Western	173,969	6,887,334
5.	Brandon, Sask. and Hudson Bay	43,198	1,561,123
6.	British Yukon	15,467	1,218,856
7.	Canada and Gulf Terminal	65,709	1,444,047
8.	Canada Southern	9,088,518	1,310,526,935
9.	Canadian National	48,164,331	16,629,018,817
10.	Canadian Pacific	33,593,497	13,842,580,786
11.	Central Canada	38,917	2,617,300
12.	Central Vermont	582,562	13,844,285
13.	Crow's Nest Southern	221,362	11,797,929
14.	Cumberland	474,819	3,612,663
15.	Dominion Atlantic	344,902	26,656,364
16.	Eastern British Columbia	116,806	1,179,537
17.	Edmonton, Dunvegan & British Columbia	288,636	44,884,806
18.	Esquimalt and Nanaimo	1,387,316	38,709,053
19.	Essex Terminal	26,421	264,210
20.	Fredericton & Grand Lake Coal & Ry. Co.	118,694	3,584,307
21.	Greater Winnipeg Water District	111,098	-
22.	Kent Northern	12,026	300,000
23.	Kettle Valley	1,205,834	93,618,638
24.	Lacombe and North Western	32,760	948,554
25.	Maine Central	147,784	753,698
26.	Manitoba Great Northern	29,810	520,019
27.	Maritime Coal Ry. and Power Co.	192,973	2,005,500
28.	Massawippi Valley	242,844	7,346,946
29.	Midland Railway of Manitoba	155,543	11,097,529
30.	Montreal and Atlantic	1,398,645	79,116,781
31.	Morrissey, Fernie and Michel	399,552	2,434,528
32.	Napierville Junction	880,425	24,246,556
33.	Nelson and Fort Sheppard	68,103	1,875,690
34.	New Brunswick Coal and Railway Co.	126,213	944,706
35.	Nipissing Central	44,323	458,052
36.	Ottawa and New York	176,167	8,454,075
37.	Pacific Great Eastern	70,873	5,140,392
38.	Pere Marquette	3,057,674	474,060,903
39.	Quebec Central	1,485,989	102,559,267
40.	Quebec, Montreal and Southern	679,033	33,591,641
41.	Quebec Oriental	137,730	10,864,408
42.	Quebec Railway Light and Power Co.	267,288	3,657,216
43.	Roberval-Saguenay	476,111	8,529,136
44.	Rutland and Noyan	88,794	298,348
45.	St. Lawrence and Adirondack	1,814,811	62,112,279
46.	Sydney and Louisburg	4,360,525	61,624,559
47.	Temiscouata	267,624	9,145,556
48.	Temiskaming and Northern Ontario	1,374,558	234,168,964
49.	Thousand Islands	XX	315,980
50.	Toronto, Hamilton and Buffalo	2,896,744	111,311,986
51.	Vancouver, Victoria and Eastern	380,860	9,544,646
52.	Wabash (in Canada)	3,286,221	709,400,896
	TOTAL	122,476,822	34,153,466,033

XX Included in Canadian National Railways.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1926

No.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1.	10,704	1,126,049	402,246	233,154	151,386
2.	54,733	3,027,568	3.369,730	1,747,359	539,860
3.	27,433	1,105,921	678,182	522,567	153,958
4.	46,170	1,584,786	291,158	140,391	227,114
5.	17,776	632,339	78,161	48,063	88,113
6.	16,423	829,832	125,331	60,482	145,925
7.	43,914	1,035,444	74,909	39,403	77,935
8.	1,575,784	194,881,356	78,837,709	45,469,790	24,683,990
9.	20,589,208	1,329,525,253	737,743,355	368,388,418	156,847,761
10.	13,505,863	1,254,450,356	594,282,933	285,099,095	147,855,448
11.	11,888	480,275	143,448	74,766	47,599
12.	169,122	3,659,076	679,684	473,744	437,034
13.	4,749	157,672	332,284	291,400	67,510
14.	37,183	427,732	144,380	144,379	49,778
15.	415,172	16,324,271	2,109,938	947,329	1,749,155
16.	5,407	54,346	33,438	32,902	7,536
17.	48,699	5,729,056	2,339,283	1,252,829	568,601
18.	172,016	5,205,170	1,540,964	1,092,010	862,696
19.	-	-	-	-	-
20.	13,543	282,102	90,000	28,000	-
21.	9,760	508,787	130,652	83,432	24,483
22.	5,100	127,500	-	-	-
23.	64,953	7,676,435	8,450	8,450	16,900
24.	5,424	177,989	3,125,634	908,528	1,067,046
25.	34,408	175,481	68,203	50,530	17,379
26.	3,976	81,973	33,132	22,356	19,748
27.	13,610	111,337	35,175	24,792	49,427
28.	79,168	1,191,610	50,110	46,568	29,448
29.	77,734	3,996,167	325,877	168,098	119,504
30.	338,436	8,913,957	546,340	434,704	715,702
31.	94,050	573,705	4,648,151	1,625,451	1,094,439
32.	226,692	8,237,092	120,000	120,000	17,520
33.	20,245	406,283	723,029	484,206	731,982
34.	16,937	335,602	100,458	54,314	2,175
35.	39,109	642,613	53,110	26,202	36,576
36.	114,509	2,708,516	51,887	31,329	37,924
37.	211,147	3,549,076	367,269	190,739	251,909
38.	134,370	2,856,411	397,258	228,668	324,048
39.	548,292	20,681,308	26,340,160	14,251,583	647,854
40.	144,795	3,575,988	4,695,861	2,575,837	1,955,463
41.	44,430	2,389,505	1,595,392	1,127,374	392,448
42.	1,351,512	14,195,738	469,725	154,925	258,066
43.	89,747	965,551	183,252	108,371	92,964
44.	-	-	305,449	190,479	96,711
45.	679,663	13,816,161	13,137	6,414	-
46.	137,916	1,630,465	2,100,069	1,585,236	780,032
47.	47,041	1,368,821	2,708,595	2,532,231	168,670
48.	643,771	42,976,998	441,857	274,054	195,274
49.	25,256	159,870	10,867,509	5,527,384	4,581,228
50.	498,493	17,147,063	21,690	5,976	31,920
51.	134,441	4,059,151	3,339.445	2,140,008	1,330,909
52.	85,394	13,196,552	538.388	335,281	549,042
			39,894,896	18,791,285	2,129,430
	42,686,166	2,998,952,309	1,527,597,293	760,200,886	352,327,620

EMPLOYEES AND THEIR COMPENSATION

NO.	DIVISION	Average number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, General Officers and Assistants	854
2.	Division Officers	1,091
3.	Assistant Engineers and Draftsmen	789
4.	Other Miscellaneous Officials	1,358
5.	Clerks	17,785
6.	Telephone Switchboard Operators	284
7.	Office boys, Messengers, Attendants & Miscellaneous Trades Workers	1,126
8.	Janitors and Cleaners	1,380
	Total	24,667
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and Building Department Foremen	593
10.	Carpenters and Bridgemen	3,113
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths, and Pump Repairers	308
12.	Masons, Bricklayers, Plasterers and Painters	494
13.	Helpers, B. & B. Department	394
14.	Apprentices, B. & B. Department	51
15.	Pile Driver, Ditching, Hoist & Steam Shovel Employees	400
16.	Pumpmen	747
17.	Extra Gang and Snow Plough Foremen	490
18.	Signal Foremen	32
19.	Section Foremen	6,076
20.	Sectionmen	18,498
21.	Labourers	13,411
22.	Foremen - Linemen	54
23.	Telegraph and Telephone Linemen and Groundmen	485
24.	Signal and Interlocker Maintainers and Repairmen	326
	Total	45,472
	MAINTENANCE OF EQUIPMENT	
25.	General Foremen	71
26.	Department and Gang Foremen	2,315
27.	Blacksmiths	774
28.	Boilermakers	1,403
29.	Carmen (A)	2,791
30.	Carmen (B)	721
31.	Carmen (C)	8,030
32.	Carmen (D)	374
33.	Electrical Workers	762
34.	Machinists	4,754
35.	Moulders	133
36.	Pipe Fitters and Sheet Metal Workers	1,148
37.	Helpers to Mechanics	7,735
38.	Helper Apprentices	153
39.	Regular Apprentices	1,740
40.	Car Cleaners	1,626
41.	Other Unskilled Employees	3,927
42.	Unclassified Labourers	4,130
43.	Stationary Engineers, Firemen and Oilers	943
	Total	43,530

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1926

No.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1.	10,704	1,126,049	402,246	233,154	151,386
2.	54,733	3,027,568	3,369,730	1,747,359	539,860
3.	27,433	1,105,921	678,182	522,567	153,958
4.	46,170	1,584,786	291,158	140,391	227,114
5.	17,776	632,339	78,161	48,063	88,113
6.	16,423	829,832	125,331	60,432	145,925
7.	43,914	1,035,444	74,909	39,403	77,935
8.	1,575,784	194,881,356	78,837,709	45,469,790	24,683,990
9.	20,589,208	1,329,525,253	737,743,355	368,388,418	156,847,761
10.	13,505,863	1,254,450,356	594,282,933	285,099,095	147,855,448
11.	11,888	480,275	143,448	74,766	47,599
12.	169,122	3,659,076	679,684	473,744	437,034
13.	4,749	157,672	332,284	291,400	67,510
14.	37,183	427,732	144,380	144,379	49,778
15.	415,172	16,324,271	2,109,938	947,329	1,749,155
16.	5,407	54,346	33,438	32,902	7,536
17.	48,699	5,729,056	2,339,283	1,252,829	568,601
18.	172,016	5,205,170	1,540,964	1,092,010	862,696
19.	-	-	90,000	28,000	-
20.	13,543	282,102	130,652	83,432	24,483
21.	9,760	503,787	-	-	-
22.	5,100	127,500	8,450	8,450	16,900
23.	64,953	7,676,435	3,125,634	908,528	1,067,046
24.	5,424	177,989	68,203	50,530	17,379
25.	34,408	175,481	33,132	22,356	19,748
26.	3,976	81,973	35,175	24,792	49,427
27.	13,610	111,337	50,110	46,568	29,448
28.	79,168	1,191,610	325,877	168,098	119,504
29.	77,734	3,996,167	546,340	434,704	715,702
30.	338,436	8,913,957	4,648,151	1,625,451	1,094,439
31.	94,050	573,705	120,000	120,000	17,520
32.	226,692	8,237,092	723,029	484,206	731,982
33.	20,245	406,283	100,458	54,314	2,175
34.	16,937	335,602	53,110	26,202	36,576
35.	39,109	642,613	51,887	31,329	37,924
36.	114,509	2,708,516	367,269	190,739	251,909
37.	211,147	3,549,076	397,258	228,668	324,048
38.	134,370	2,856,411	26,340,160	14,251,583	647,854
39.	548,292	20,681,308	4,695,861	2,575,837	1,955,463
40.	144,795	3,575,988	1,595,392	1,127,374	392,448
41.	44,430	2,389,505	469,725	154,925	258,066
42.	1,351,512	14,195,738	183,252	108,371	92,964
43.	89,747	965,551	305,449	190,479	96,711
44.	-	-	13,137	6,414	-
45.	679,663	13,816,161	2,100,069	1,585,236	780,032
46.	137,916	1,630,465	2,708,595	2,532,231	168,670
47.	47,041	1,368,821	441,857	274,054	195,274
48.	643,771	42,976,998	10,867,509	5,527,384	4,581,228
49.	25,256	159,870	21,690	5,976	31,920
50.	498,493	17,147,063	3,339,445	2,140,008	1,330,909
51.	134,441	4,059,151	538,388	335,283	549,048
52.	85,394	13,196,552	39,894,896	18,791,285	2,129,430
	42,686,166	2,998,952,309	1,527,597,293	760,200,886	352,327,620

EMPLOYEES AND THEIR COMPENSATION

NO.	DIVISION	Average number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, General Officers and Assistants	854
2.	Division Officers	1,091
3.	Assistant Engineers and Draftsmen	789
4.	Other Miscellaneous Officials	1,358
5.	Clerks	17,785
6.	Telephone Switchboard Operators	284
7.	Office boys, Messengers, Attendants & Miscellaneous Trades Workers	1,126
8.	Janitors and Cleaners	1,380
	Total	24,667
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and Building Department Foremen	593
10.	Carpenters and Bridgemen	3,113
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths, and Pump Repairers	308
12.	Masons, Bricklayers, Plasterers and Painters	494
13.	Helpers, B. & B. Department	394
14.	Apprentices, B. & B. Department	51
15.	Pile Driver, Ditching, Hoist & Steam Shovel Employees	400
16.	Pumpmen	747
17.	Extra Gang and Snow Plough Foremen	490
18.	Signal Foremen	32
19.	Section Foremen	6,076
20.	Sectionmen	18,498
21.	Labourers	13,411
22.	Foremen - Linemen	54
23.	Telegraph and Telephone Linemen and Groundmen	485
24.	Signal and Interlocker Maintainers and Repairmen	326
	Total	45,472
	MAINTENANCE OF EQUIPMENT	
25.	General Foremen	71
26.	Department and Gang Foremen	2,315
27.	Blacksmiths	774
28.	Boilermakers	1,403
29.	Carmen (A)	2,791
30.	Carmen (B)	721
31.	Carmen (C)	8,030
32.	Carmen (D)	374
33.	Electrical Workers	762
34.	Machinists	4,754
35.	Moulders	133
36.	Pipe Fitters and Sheet Metal Workers	1,148
37.	Helpers to Mechanics	7,735
38.	Helper Apprentices	153
39.	Regular Apprentices	1,740
40.	Car Cleaners	1,626
41.	Other Unskilled Employees	3,927
42.	Unclassified Labourers	4,130
43.	Stationary Engineers, Firemen and Oilers	943
	Total	43,530

EMPLOYEES AND THEIR COMPENSATION

NO.	Total days on Duty	Total hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
1.	255,354	-	5,273,856.80	20.65	
2.	350,550	-	3,731,376.24	10.64	
3.	240,214	-	1,444,804.74	6.01	
4.	414,460	-	3,431,186.21	8.28	
5.	5,319,150	-	24,549,281.97	4.62	
6.	87,122	-	246,019.41	2.82	
7.	346,826	-	775,866.56	2.24	
8.	373,220	-	902,995.08	2.42	
	7,386,896		40,355,387.01	5.46	
9.	195,900	-	1,069,099.45	5.46	
10.	-	7,784,473	4,376,749.80		.562
11.	-	746,181	519,464.71		.696
12.	-	1,085,629	667,476.34		.615
13.	-	934,096	444,788.55		.476
14.	-	87,076	31,700.90		.364
15.	-	1,197,619	701,171.87		.585
16.	-	2,004,263	858,387.55		.428
17.	-	1,356,972	908,150.45		.669
18.	10,191	-	75,162.74	7.38	
19.	-	15,672,050	8,753,254.63		.559
20.	-	45,970,642	17,039,866.40		.371
21.	-	35,003,252	10,412,661.37		.297
22.	17,072	-	98,614.57	5.78	
23.	-	1,105,687	552,820.75		.500
24.	-	849,152	547,262.09		.644
	223,163	113,797,092	47,056,632.17	5.57	.403
25.	22,710	-	215,671.04	9.50	
26.	750,333	-	5,496,405.13	7.33	
27.	-	1,666,345	1,256,630.64		.754
28.	-	3,136,270	2,324,526.99		.741
29.	-	5,996,474	4,489,316.66		.749
30.	-	1,492,228	1,147,919.16		.769
31.	-	18,575,574	12,147,909.64		.654
32.	-	763,793	503,348.03		.659
33.	-	1,792,592	1,236,805.37		.690
34.	-	10,277,914	7,588,606.36		.738
35.	-	271,164	220,840.27		.814
36.	-	2,496,194	1,840,583.52		.737
37.	-	17,364,478	8,746,940.76		.504
38.	-	337,159	186,043.22		.552
39.	-	3,580,285	1,595,043.41		.446
40.	-	4,154,708	1,593,186.92		.383
41.	-	10,370,308	4,144,162.59		.399
42.	-	9,463,325	3,625,002.57		.383
43.	-	2,498,331	1,344,190.12		.538
	773,043	94,237,142	59,703,132.40	7.39	.573

EMPLOYEES AND THEIR COMPENSATION

NO.	ITEM	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and Sergeants of Police	156
45.	Constables and Policemen	657
46.	Storekeepers	144
47.	Storemen	1,558
48.	Train Despatchers and Traffic Supervisors	552
49.	Supervisory Agents and Assistants	760
50.	Station Agents - Non-telegraphers (small station)	238
51.	Station Agents - Telegraphers and Telephoners	5,791
52.	Signalmen (non-telegraphers) at Interlockers	481
53.	Foremen in Freight Sheds	499
54.	Freight Handlers and Other Station Employees	5,484
55.	Labourers	582
56.	Dining Car and Restaurant Inspectors, Conductors and Stewards	364
57.	Dining Car and Restaurant Helpers and Attendants	1,795
58.	News Agents	1
59.	Floating Equipment Employees	790
60.	Sleeping and Parlour Car Inspectors and Conductors	206
61.	Sleeping and Parlour Car Porters	1,018
62.	Drawbridge Operators	110
63.	Signalmen or Watchmen at crossings (non-interlocked)	799
64.	Yardmasters and Assistants	388
65.	Switch Tenders	490
66.	Hostlers	668
67.	Road Passenger Conductors	873
68.	Road Freight Conductors	2,370
69.	Road Passenger Brakemen, Baggagemen and Flagmen	1,925
70.	Road Freight Brakemen and Flagmen	5,158
71.	Yard Conductors and Yard Foremen	1,286
72.	Yard Brakemen and Helpers	2,810
73.	Road Passenger Engineers and Motormen	1,171
74.	Road Freight Engineers and Motormen	2,938
75.	Yard Engineers and Motormen	1,190
76.	Road Passenger Firemen and Helpers	1,152
77.	Road Freight Firemen and Helpers	3,131
78.	Yard Firemen and Helpers	1,219
	Total	48,754
79.	Express Department	3,051
80.	Radio Department	74
81.	Employees engaged in outside operations	8,718
	GRAND TOTAL	174,266
	Total Number of Female Employees (Monthly Average)	5,978

EMPLOYEES AND THEIR COMPENSATION

NO.	Total days on Duty	Total hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
44.	50,685	-	315,836.79	6.23	
45.	227,172	-	1,064,755.03	4.69	
46.	46,581	-	280 816.82	6.03	
47.	-	3,472,658	1,634,020.96		.471
48.	-	1,427,560	1,610,471.68		1.128
49.	-	1,951,185	1,476,326.89		.757
50.	-	537,030	247,538.78		.461
51.	-	15,350,344	10,561,326.47		.688
52.	-	1,257,733	585,054.40		.465
53.	-	1,245,868	811,614.34		.651
54.	-	13,049,756	6,252,763.44		.479
55.	-	1,417,814	587,051.24		.414
56.	-	996,027	585,433.68		.588
57.	-	5,549,073	1,767,356.34		.318
58.	306	-	1,119.64	3.66	
59.	-	2,637,451	1,066,861.62		.405
60.	-	600,491	419,440.84		.698
61.	-	3,072,917	1,056,090.43		.344
62.	-	285,883	133,168.06		.466
63.	-	1,990,813	748,514.05		.376
64.	125,406	-	1,109,024.61	8.84	
65.	166,282	-	764,328.33	4.60	
66.	225,538	-	1,130.089.97	5.01	
67.	-	2,334,974	2,381,521.00		1.020
68.	-	7,449,026	6,433,863.34		.864
69.	-	5,076,703	3,780,289.76		.745
70.	-	15,137,052	10,219,292.62		.675
71.	-	3,629,888	2,961,455.03		.816
72.	-	7,452,772	5,417,687.96		.727
73.	-	2,734,401	3,730,160.39		1.364
74.	-	8,844,325	8,989,831.65		1.016
75.	-	3,619,501	3,064,715.51		.847
76.	-	2,643,420	2,751,721.74		1.041
77.	-	8,905,637	6,723,133.16		.755
78.	-	3,666,098	2,385,020.55		.651
	841,970	126,336,400	93,047,097.12	5.54	.699
79.	772,945	-	4,174,573.56	5.40	
80.	23,026	-	105.861.00	4.60	
81.	-	23,388,231	8,969,740.73		.384
	10,021,043	357,758,865	253,412,423.99	5.61	.551

52-D-22

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1927

Published by authority of the Hon. James Malcolm, M. P.,
Minister of Trade and Commerce.

OTTAWA

1928

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

Dominion Statistician: R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1927

The gross revenues from operation for 1927, amounting to $499,064,207, were the largest earned by the railways in Canada, but the operating expenses were also heavy, exceeding those of the previous year by $18,142,828 and net operating revenue was less than in 1926 by $12,678,375. Deductions from the income were also larger than in 1926, especially interest, which increased by $2,950,303, and the net deficit of the railways as a whole amounted to $28,713,951, as against a deficit of $14,496,882 for 1926.

Increases in wages accounted for $14,892,478 of this greater deficit but this larger wage bill was for an average of 2,072 more employees than in 1926. The wages charged to operation increased by 6.6 per cent and the total pay roll by 5.4 per cent for an increase in the number of employees of 1.2 per cent. Coal consumption by locomotives increased by 2 per cent, locomotive miles by 3.1 per cent, revenue ton miles by 2 per cent and passenger train miles by 2.7 per cent, whereas the gross revenues were increased by only 1.1 per cent and overhead charges, including interest and rentals, increased by 5.3 per cent. Increases in rates of wages and in interest and rentals, coupled with a slightly lower average freight receipt per ton mile, more than offset any improvements in operation during the year.

The Maritime Freight Rates Act, effective July 1, 1927, ordered that the accounts of the Canadian National lines east of Levis and Diamond Junction, Quebec, be kept separate from those of the remainder of the Canadian National system. These lines were designated as the Eastern Lines of the Canadian National Railway and the territory, which included Prince Edward Island, Nova Scotia, New Brunswick and a part of Quebec, as the select territory. The Act also ordered that local and west-bound freight rates on the Eastern Lines and freight rates on all east-bound traffic originating on these lines be reduced by 20 per cent. The reductions applied only to rates on the Eastern Lines and not to railways beyond the select territory. Other railways operating in the select territory were allowed to make similar reductions in their freight rates in the select territory and to bill on the Board of Railway Commissioners of Canada for the difference in freight receipts due to such reductions. The railways making such reductions included these bills with their revenues and consequently their revenues were not reduced by the change in the rates, but the Eastern Lines included as freight revenue only the amounts of the freight bills. The Act provides that any deficit from the operation of these lines shall be met by a separate appropriation by the Dominion Government. For the six months, July - December, the Eastern Lines report a loss in revenues due to these reductions in rates of $931,810 and the deficit was therefore increased by that amount.

To facilitate comparisons with previous data, the revenues, expenses and other data of the Eastern Lines (for six months) and of the Canadian National Railway have been added and the totals shown. These totals exclude inter-company transactions and show only the net amounts for both the Canadian National Railway in Canada and the entire Canadian National system. The latter have been shown at the foot of the tables and do not include the Central Vermont accounts, which, for the lines in Canada, are shown separately.

The 1926 freight traffic was the previous high record for Canadian railways, but the revenue freight carried in 1927 was heavier by over three-quarters of a million tons. Forest products contributed 676,385 tons of the increase, pulpwood being particularly heavy with an increase of 710,698 tons which was exceeded only by clay, gravel, sand and crushed stone which increased by 739,300 tons.

Manufactures and miscellaneous freight showed an increase of 471,263 tons, mainly from increases of 207,157 tons of refined petroleum and its products, gasoline being the principal commodity in this group, 173,193 tons of cement, 112,741 tons of fertilizer, 190,281 tons of paper and printed matter and 109,167 tons of merchandise. The decrease of 54,506 tons in automobile tonnage was entirely in the traffic passing through Canada as the loadings and imports both showed increases. Sugar showed a decrease of 78,836 tons, loadings in Canada and in-transit freight showing declines. Bar, sheet and structural iron and iron pipe was lighter by 72,887 tons, entirely from decreases in imports and in-transit freight as the loadings increased by 49,398 tons. The increase of 66,438 tons in agricultural implements, practically all in loadings and imports, and of 112,741 tons in fertilizers indicates increased activity and development in the farming industry. The very large increase in the movement of pulpwood of 710,698 tons with the increase in the tonnage of paper of 190,281 tons and the decrease of 215,821 tons in the wood pulp traffic indicates that a larger amount of the pulpwood is being manufactured into paper in self-contained mills instead of into wood pulp for other mills. The exports of wood pulp also show a decrease of 114,186 tons, but the exports of paper, printed matter and books increased by 157,653 tons. Canned meats showed an increase of 5,413 tons, but other canned goods declined in the in-transit shipments. Agricultural products increased by only 41,503 tons, the declines in oats of 363,295 tons, in hay and straw of 263,665 tons, in barley of 95,155 tons, in flax of 36,142 tons, in other grains of 10,146 tons and in apples and other fresh fruit of 52,829 tons and 3,730 tons respectively, reducing the gains made by wheat of 429,244 tons, by rye of 292,161 tons and smaller increases made by other commodities. Animal products were lighter than in 1926 by 66,389 tons, cattle and calves, meats, other packing house products and butter and cheese all being lighter. Anthracite coal showed a decrease of 1,020,635 tons, but the decrease in bituminous coal was more than offset by an increase in lignite coal. The increases in clay, gravel, sand and crushed stone and in asphaltum were undoubtedly due to extensive road work and other construction. Exports and imports referred to above include only railway freight delivered to and received from foreign rail and water connections as reported on the monthly traffic reports.

Passenger data showed fewer passengers carried by 845,616, or 2 per cent, but the passenger miles increased by 1.8 per cent, the average journey being 72.9 miles as against 70.3 miles in 1926.

There was a slight decrease in the total number of freight cars of all kinds in service, but the total capacity was increased, the average capacity increasing from 36.812 tons in 1926 to 37.049 tons. The number of locomotives in service also decreased by 9 but the total tractive power was increased; the average for 1927 was 34,689 pounds as against 34,473 pounds in 1926. Locomotives also showed a smaller consumption of coal per engine mile. In freight service the consumption per 100 locomotive miles was 8.08 tons as against 8.21 tons in 1926 and in passenger service 4.43 tons as against 4.47 tons in 1926.

During the year 14 passengers were killed, 6 in train collisions, 5 getting on and off trains and 3 struck by trains at stations. There were 105 employees killed, 59 of them being trainmen and 30 trackmen. Collisions accounted for 16 of these casualties and derailments for 14 of them while 9 were killed coupling and uncoupling cars, 20 fell off cars and 37 were struck by trains. Besides passengers and employees, trespassers and other persons numbering 248 were killed in train accidents. From other causes 34 persons were killed making a total of 401 persons killed by railways during the year. The total injured amounted to 2,947 in train accidents and 9,376 from other causes, making a total of 12,323 persons, of which 11,057 were employees and 58 were postal clerks and other such persons. The casualties at highway crossings were fewer than in 1926, amounting to 36 at urban crossings and 60 at rural crossings, as against 48 and 96 respectively in 1926. The number of persons injured at rural crossings increased from 171 to 200, those riding in automobiles increasing from 147 in 1926 to 174. The number of persons killed and injured at rural highway crossings has more than doubled since 1919 whereas persons killed at urban highway crossings have fluctuated

but have not materially increased, although those injured increased from 95 in 1919 to 147 in 1927. The automobile is mainly responsible for these increases in accidents and the registration of motor vehicles has almost trebled since 1919.

In these statistics the following instructions to the railways govern the classification of accidents.-

Accidents to persons resulting in immediate death or death within twenty four hours from the time the accident occurred should be reported under the heading "Killed." All other accidents to persons, including those resulting in death of the person injured after an interval of more than twenty four hours from the time the accident occurred, should be reported under the heading "Injured." Accidents to employees, resulting in slight injuries which do not prevent the employee injured from performing his accustomed service for more than three days in the aggregate during the ten days immediately following the accident, should not be reported.

This report shows for the first time the Pembina Valley railway, which, on Dec.31, operated from Busby to Barrhead, Alberta, a distance of 26.51 miles, and the Alma and Jonquiere railway with terminals at Isle Maligne, Quebec, and Saguenay Power Junction, connecting with the Canadian National railway at the latter station. The Massawippi Valley was leased to the Quebec Central railway and the line from the international boundary near Haskett to Morden, Manitoba, was transferred from the Manitoba Great Northern railway to the Brandon, Saskatchewan and Hudson Bay railway during the year. Construction work was under way on the Hudson Bay railway to the new terminal at Churchill, but the railway was not opened for operation and no report was made on mileage completed.

25/10/28/GA

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses
		$	$
1.	Alberta and Great Waterways	288,975.81	274,035.
2.	Algoma Central and Hudson Bay	2,021,599.51	1,834,469.
3.	Algoma Eastern	808,574.39	545,368.
4.	Alma and Jonquiere	96,565.30	71,206.
5.	Atlantic, Quebec and Western	241,939.59	262,296.
6.	Brandon, Sask. and Hudson Bay	97,841.31	129,516.
7.	British Yukon	190,779.98	128,990.
8.	Canada and Gulf Terminal	122,855.81	93,823.
9.	Canada Southern	23,275,971.51	13,853,171.
10.	Canadian National	215,432,356.99	183,932,853.
11.	Eastern Lines	12,128,570.21	14,713,852.
12.	Total	227,560,927.20	198,646,705.
13.	Canadian Pacific	201,805,486.40	159,060,224.
14.	Central Canada	78,640.16	168,018.
15.	Central Vermont	294,632.20	278,685.
16.	Crow's Nest Southern	173,032.07	132,811.
17.	Cumberland	178,938.00	149,885.
18.	Dominion Atlantic	1,726,066.37	1,548,735.
19.	Eastern British Columbia	70,589.54	79,809.
20.	Edmonton, Dunvegan & British Columbia	1,321,069.46	1,180,684.
21.	Esquimalt and Nanaimo	1,673,869.62	1,083,475.
22.	Essex Terminal	293,322.04	192,065.
23.	Fredericton and Grand Lake Coal & Railway Co.	111,345.86	70,508.
24.	Greater Winnipeg Water District	88,140.70	89,219.
25.	Kent Northern	29,437.53	33,215.
26.	Kettle Valley	2,003,044.53	1,509,930.
27.	Lacombe and North Western	83,556.02	76,216.
28.	Maine Central	18,423.14	21,063.
29.	Manitoba Great Northern	8,283.33	16,690.
30.	Maritime Coal, Railway and Power Co.	113,473.42	73,024.
31.	Midland Railway of Manitoba	456,906.64	491,224.
32.	Montreal and Atlantic	1,585,867.63	1,609,015.
33.	Morrissey, Fernie and Michel	134,337.97	97,640.
34.	Napierville Junction	687,696.34	358,609.
35.	Nelson and Fort Sheppard	98,177.92	107,342.
36.	New Brunswick Coal and Railway Co.	45,089.70	91,185.
37.	Nipissing Central	116,555.93	126,922.
38.	Ottawa and New York	293,499.29	391,766.
39.	Pacific Great Eastern	474,395.98	664,635.
40.	Pembina Valley	3,690.00	6,077.
41.	Pere Marquette	5,462,231.23	3,118,938.
42.	Quebec Central	3,340,322.18	2,553,529.
43.	Quebec, Montreal and Southern	673,246.24	837,957.
44.	Quebec Oriental	340,706.66	280,088.
45.	Quebec Railway, Light and Power Co.	698,351.04	497,841.
46.	Roberval - Saguenay	503,595.29	373,418.
47.	Rutland and Noyan	5,089.40	8,148.
48.	St. Lawrence and Adirondack	1,041,211.11	805,281.
49.	Sydney and Louisburg	1,783,392.76	1,204,548.
50.	Temiscouata	416,628.97	330,151.
51.	Temiskaming and Northern Ontario	5,149,259.71	3,737,067.
52.	Thousand Islands	85,249.79	74,918.
53.	Toronto, Hamilton and Buffalo	3,399,026.18	2,132,479.
54.	Vancouver, Victoria and Eastern	704,737.46	684,346.
55.	Wabash (in Canada)	6,787,560.93	5,459,298.
	TOTAL	499,064,207.15	407,646,280.34
	Canadian National (Can. & U.S.)	268,704,294.28	229,175,600.05

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
1.	14,940.25	5,233.41	-	9,706.84
2.	187,130.22	34,488.67	-	152,641.55
3.	263,205.84	2,087.76	-	261,118.08
4.	25,358.86	535.57	-	24,823.29
5.	- 20,357.28	3,432.89	-	- 23,790.17
6.	- 31,674.86	1,934.20	-	- 33,609.06
7.	61,789.28	8,804.44	-	52,984.84
8.	29,031.94	1,586.20	-	27,445.74
9.	9,422,800.17	733,507.01	308.93	8,688,984.23
10.	31,499,503.75	2,952,005.93	34,200.90	28,513,296.92
11.	- 2,585,282.22	129,302.88	581.12	- 2,715,166.22
12.	28,914,221.53	3,081,308.81	34,782.02	25,798,130.70
13.	42,745,262.04	4,999,197.72	-	37,746,064.32
14.	- 89,378.41	1,041.77	-	- 90,420.18
15.	15,946.38	3,036.50	-	12,909.88
16.	40,220.50	16,741.87	-	23,478.63
17.	29,052.87	2,998.00	-	26,054.87
18.	177,330.74	19,114.38	-	158,216.36
19.	- 9,219.88	3,141.70	-	- 12,361.58
20.	140,384.51	9,055.42	-	131,329.09
21.	590,394.12	79,759.43	-	510,634.69
22.	101,256.98	17,888.92	-	83,368.06
23.	40,837.78	3,122.00	-	37,715.78
24.	- 1,078.91	-	-	- 1,078.91
25.	- 3,777.80	150.14	-	- 3,927.94
26.	493,114.35	75,483.89	20.71	417,609.75
27.	7,340.02	906.01	-	6,434.01
28.	- 2,640.01	701.59	-	- 3,341.60
29.	- 8,407.18	733.66	-	- 9,140.84
30.	40,449.29	735.89	-	39,713.40
31.	- 34,317.87	44,373.06	-	- 78,690.93
32.	- 23,147.58	35,163.44	-	- 58,311.02
33.	36,696.99	237.65	-	36,459.34
34.	329,087.19	18,500.00	19.12	310,568.07
35.	- 9,164.86	12,381.92	-	- 21,546.78
36.	- 46,095.75	40.00	-	- 46,135.75
37.	- 10,366.37	-	-	- 10,366.37
38.	- 98,266.83	12,693.93	-	- 110,960.76
39.	- 190,239.79	-	49.47	- 190,289.26
40.	- 2,387.93	-	-	- 2,387.93
41.	2,343,292.95	74,856.53	21.70	2,268,414.72
42.	786,793.08	54,861.18	-	731,931.90
43.	- 164,710.92	11,040.00	87.63	- 175,838.55
44.	60,618.45	3,485.33	-	57,133.12
45.	200,509.59	13,267.56	-	187,242.03
46.	130,176.96	2,593.59	-	127,583.37
47.	- 3,058.88	20.00	-	- 3,078.88
48.	235,929.43	14,866.29	.90	221,062.24
49.	578,844.23	4,379.80	-	574,464.43
50.	86,477.88	7,368.29	-	79,109.59
51.	1,412,192.65	-	-	1,412,192.65
52.	10,331.50	550.13	-	9,781.37
53.	1,266,546.41	130,101.73	3,604.92	1,132,839.76
54.	20,390.88	123,846.67	-	- 103,455.79
55.	1,328,262.06	5,232.31	-	1,323,029.75
	91,417,925.81	9,676,587.26	38,895.40	81,702,444.15
	39,528,694.23	4,661,939.76	45,448.01	34,821,306.46

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway		Net Income from Outside Operations	Total Non-operating Income
			$	$
1.	Alberta and Great Waterways	Dr.	3,199.56	41,779.25
2.	Algoma Central and Hudson Bay		-	195,038.01
3.	Algoma Eastern		-	8,403.78
4.	Alma and Jonquiere		-	360.82
5.	Atlantic, Quebec and Western		-	18,133.18
6.	Brandon, Sask. and Hudson Bay		-	8,715.53
7.	British Yukon		-	15,965.00
8.	Canada and Gulf Terminal		-	2,901.99
9.	Canada Southern		-	279,573.84
10.	Canadian National	Dr.	14,954.91	14,600,720.87
11.	Eastern Lines		1,832.99	175,424.74
12.	Total	Dr.	13,121.92	14,497,246.35
13.	Canadian Pacific		3,136,024.08	11,077,032.22
14.	Central Canada		961.63	4,043.12
15.	Central Vermont		-	21,483.97
16.	Crow's Nest Southern		-	53,594.65
17.	Cumberland Railway and Coal Co.		-	-
18.	Dominion Atlantic		18,141.10	2,691.33
19.	Eastern British Columbia		-	4,714.00
20.	Edmonton, Dunvegan & British Columbia		328.88	45,079.24
21.	Esquimalt and Nanaimo		-	-
22.	Essex Terminal		-	26,995.51
23.	Fredericton & Grand Lake Coal & Railway Co.		-	-
24.	Greater Winnipeg Water District		-	6,847.00
25.	Kent Northern		-	-
26.	Kettle Valley		-	163,018.71
27.	Lacombe and North Western		152.09	5,637.06
28.	Maine Central		-	311.29
29.	Manitoba Great Northern		-	1,008.08
30.	Maritime Coal, Railway and Power Co.		-	-
31.	Midland Railway of Manitoba		-	42,703.25
32.	Montreal and Atlantic		-	1,400.00
33.	Morrissey, Fernie and Michel		-	1,214.92
34.	Napierville Junction		-	36,965.75
35.	Nelson and Fort Sheppard		-	13,317.17
36.	New Brunswick Coal and Railway Co.		-	-
37.	Nipissing Central		-	4.00
38.	Ottawa and New York		-	4,702.19
39.	Pacific Great Eastern		-	14,833.74
40.	Pembina Valley		3,022.48	600.00
41.	Pere Marquette		-	165,320.60
42.	Quebec Central		-	4,048.27
43.	Quebec, Montreal and Southern		-	317,593.50
44.	Quebec Oriental		-	6,957.40
45.	Quebec Railway Light and Power Co.		-	-
46.	Roberval-Saguenay		-	3,336.93
47.	Rutland and Noyan		-	4,000.00
48.	St. Lawrence and Adirondack		-	2,869.24
49.	Sydney and Louisburg		-	-
50.	Temiscouata		-	3,725.77
51.	Temiskaming and Northern Ontario		-	62,218.13
52.	Thousand Islands		-	775.97
53.	Toronto, Hamilton and Buffalo		-	409,770.33
54.	Vancouver, Victoria and Eastern		-	410,423.77
55.	Wabash (in Canada)		-	-
	TOTAL		3,142,308.78	28,266,254.12
	Canadian National (Can. & U.S.)		13,121.92	8,838,977.01

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$
1.	48,286.53	737,772.22	29,062.64	766,834.86	- 718,548.33
2.	347,679.56	504,000.00	251,588.84	755,588.84	- 407,909.28
3.	269,521.86	111,472.95	81,615.54	193,088.49	76,433.37
4.	25,184.11	-	6,185.17	6,185.17	18,998.94
5.	- 5,656.99	229,933.75	37,691.32	267,625.07	- 273,282.06
6.	- 24,893.53	-	9,685.69	9,685.69	- 34,579.22
7.	68,949.84	86,463.18	2,064.85	88,528.03	- 19,578.19
8.	30,347.73	57,000.00	8,550.00	65,550.00	- 35,202.27
9.	8,968,558.07	-	3,059,142.31	3,059,142.31	5,909,415.76
10.	43,099,062.88	72,029,200.53	5,442,889.57	77,472,090.10	-34,373,027.22
11.	- 2,537,908.49	450,812.78	275,973.23	726,786.01	-3,264,694.50
12.	40,282,255.13	72,421,631.01	5,498,345.84	77,919,976.85	-37,637,721.72
13.	51,959,120.62	13,107,789.67	3,340,567.21	16,448,356.88	35,510,763.74
14.	- 85,415.43	176,652.52	26,651.00	203,303.52	- 288,718.95
15.	34,393.85	45,514.15	17,534.33	63,048.48	- 28,654.63
16.	77,073.28	-	21,177.70	21,177.70	55,895.58
17.	26,054.87	-	2,520.55	2,520.55	23,534.32
18.	179,048.79	239,926.67	186,054.11	425,980.78	- 246,931.99
19.	- 7,647.58	-	5,534.38	5,534.38	- 13,181.96
20.	176,737.21	753,915.91	182,832.67	936,748.58	- 760,011.37
21.	510,634.69	282,927.21	131,986.32	414,913.53	95,721.16
22.	110,363.57	21,000.00	-	21,000.00	89,363.57
23.	37,715.78	-	61,303.18	61,303.18	- 23,587.40
24.	5,768.09	-	4,604.50	4,604.50	1,163.59
25.	- 3,927.94	-	1,268.00	1,268.00	- 5,195.94
26.	580,628.46	623,400.00	173,360.64	796,760.64	- 216,132.18
27.	12,223.16	136,690.24	9,525.47	146,215.71	- 133,992.55
28.	- 3,030.31	2,865.84	299.89	3,165.73	- 6,196.04
29.	- 8,132.76	-	Cr. 4,588.64	Cr. 4,588.64	- 3,544.12
30.	39,713.40	27,900.00	7,770.00	35,670.00	4,043.40
31.	- 35,987.68	-	130,074.17	130,074.17	- 166,061.85
32.	- 56,911.02	52,650.00	68,203.65	120,853.65	- 177,764.67
33.	37,674.26	-	-	-	37,674.26
34.	347,533.82	16.66	75,871.98	75,888.64	271,645.18
35.	- 8,229.61	-	7,787.56	7,787.56	- 16,017.17
36.	- 46,135.75	-	7,733.53	7,733.53	- 53,869.28
37.	- 10,362.37	-	26,910.63	26,910.63	- 37,273.00
38.	- 106,258.57	-	74,623.95	74,623.95	- 180,882.52
39.	- 175,455.52	2,405,229.54	97,683.45	2,502,912.99	-2,678,368.51
40.	1,234.55	-	1,882.97	1,882.97	- 648.42
41.	2,433,735.32	135,000.00	1,427,742.31	1,562,742.31	870,993.01
42.	735,980.17	315,960.92	113,257.15	429,218.07	306,762.10
43.	141,754.95	228,995.02	9,926.98	238,922.00	- 97,167.05
44.	64,090.52	103,779.70	27,216.59	130,996.29	- 66,905.77
45.	187,242.03	-	-	-	187,242.03
46.	130,920.30	93,100.00	29,200.53	122,300.53	8,619.77
47.	921.12	4,000.00	-	4,000.00	- 3,078.88
48.	223,931.48	49,007.55	226,686.78	275,694.33	- 51,762.85
49.	574,464.43	-	35,252.56	35,252.56	539,211.87
50.	82,835.36	57,126.71	23,091.77	80,218.48	2,616.88
51.	1,474,410.78	73,401.11	196,834.62	270,235.73	1,204,175.05
52.	10,557.34	-	1,323.92	1,323.92	9,233.42
53.	1,542,610.09	222,076.71	57,034.44	279,111.15	1,263,498.94
54.	306,967.98	-	264,381.25	264,381.25	42,586.73
55.	1,323,029.75	-	471,446.79	471,446.79	851,582.96
	113,111,007.05	93,365,581.54	16,747,018.05	110,112,599.59	2,998,407.46
	43,647,161.55	73,329,215.92	7,955,667.35	81,284,883.27	-37,637,721.72

MILEAGE OPERATED

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Alberta and Great Waterways	304.89	2,396	
2.	Algoma Central and Hudson Bay	324.00	284,224	
3.	Algoma Eastern	88.52	61,077	3
4.	Alma and Jonquiere	10.60	-	
5.	Atlantic, Quebec and Western	104.31	33,698	47,7
6.	Brandon, Sask. and Hudson Bay	84.70	16,513	45,7
7.	British Yukon	90.32	-	4,8
8.	Canada and Gulf Terminal	38,10	-	
9.	Canada Southern	381.04	1,881,307	2,383,2
10.	Canadian National	17,751.69	27,278,198	19,971,6
11.	Eastern Lines	3,108.04	1,765,000	1,737,3
12.	Total	20,859.73	29,043,198	21,708,9
13.	Canadian Pacific	14,170.20	25,650,430	19,660,4
14.	Central Canada	86.61	23,784	17,9
15.	Central Vermont	25.33	32,750	62,6
16.	Crow's Nest Southern	53.01	20,988	7,8
17.	Cumberland Railway & Coal Co.	31.29	3,840	4
18.	Detroit River Tunnel Co.	3.26	-	
19.	Dominion Atlantic	304.54	131,109	268,6
20.	Eastern British Columbia	13.04	-	
21.	Edmonton, Dunvegan & British Columbia	428.04	200,409	91,2
22.	Esquimalt and Nanaimo	209.70	198,966	176,3
23.	Essex Terminal	21.00	6,113	
24.	Fredericton & Grand Lake Coal & Ry. Co.	31.10	-	
25.	Greater Winnipeg Water District	92.00	-	
26.	International Bridge and Terminal Co.	1.06	-	
27.	Kent Northern	27.00	-	
28.	Kettle Valley	404.70	213,052	230,0
29.	Lacombe and North Western	71.56	1,480	
30.	Maine Central	5.10	400	1,4
31.	Manitoba Great Northern	-	2,302	7,0
32.	Maritime Coal, Railway and Power Co.	16.40	10,229	
33.	Midland Railway of Manitoba	75.76	48,213	97,2
34.	Montreal and Atlantic	184.60	255,054	290,9
35.	Morrissey, Fernie & Michel	6.15	-	
36.	Napierville Junction	42.99	36,753	106,5
37.	Nelson and Fort Sheppard	60.79	18,840	4,5
38.	New Brunswick Coal and Railway Co.	59.20	-	
39.	Nipissing Central	58.60	20,245	49,4
40.	Ottawa and New York	58.77	37,500	75,7
41.	Pacific Great Eastern	360.80	29,536	9,9
42.	Pembina Valley	26.51	-	
43.	Pere Marquette	336.88	874,934	138,8
44.	Quebec Central	359.35	304,831	351,6
45.	Quebec, Montreal and Southern	198.83	58,422	48,6
46.	Quebec Oriental	98.15	53,950	46,4
47.	Quebec Railway Light and Power Co.	25.55	30,983	14,9
48.	Roberval - Saguenay	41.82	19,237	20,3
49.	Rutland and Noyan	3.36	1,839	
50.	St. Lawrence and Adirondack	60.26	82,121	177,7
51.	Sydney and Louisburg	76.97	163,032	33,7
52.	Temiscouata	113.25	47,925	50,7
53.	Temiskaming and Northern Ontario	388.50	571,682	618,0
54.	Thousand Islands	6.08	4,131	32,9
55.	Toronto, Hamilton and Buffalo	111.03	169,712	244,2
56.	Van Buren Bridge Co.	.36	-	
57.	Vancouver, Victoria and Eastern	285.38	24,875	77,2
58.	Wabash (in Canada)	245.40	1,412,661	347,0
	TOTAL	41,566.49	62,084,741	47,551,8
	Canadian National (Can. & U.S.)	22,199.03	33,509,709	24,126,9

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Mileage of Revenue Mixed Trains # Freight	Mileage of Revenue Mixed Trains # Passenger	Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
1.	36,404	10,802	620	50,222	7,047
2.	139,143	43,940	-	467,307	58,647
3.	21,854	32,782	274	116,313	1,575
4.	-	-	-	-	-
5.	10,161	2,343	-	93,949	724
6.	-	-	207	62,501	450
7.	21,826	13,378	354	40,421	1,086
8.	8,162	4,898	-	13,060	-
9.	75,637	10,571	-	4,350,792	85,705
10.	2,507,115	541,049	32,831	50,330,826	2,338,963
11.	338,104	124,292	2,660	3,967,385	153,461
12.	2,845,219	665,341	35,491	54,298,211	2,492,424
13.	1,830,780	375,437	27,342	47,544,400	1,257,467
14.	48	38	172	42,016	1,693
15.	-	-	-	95,375	675
16.	-	-	-	28,882	4,873
17.	17,408	7,398	-	29,070	-
18.	-	-	-	-	-
19.	142,777	25,197	604	568,316	13,689
20.	6,416	1,096	1,266	8,778	248
21.	1,036	84	864	293,680	34,696
22.	-	-	262	375,546	16,371
23.	-	-	-	6,113	-
24.	23,110	-	-	23,110	-
25.	-	-	-	-	-
26.	-	-	-	-	-
27.	8,750	8,750	-	17,500	-
28.	19,956	2,427	299	465,818	68,410
29.	13,569	3,017	-	18,066	1,157
30.	6,424	1,381	-	9,610	170
31.	-	-	-	9,324	292
32.	9,920	4,960	-	25,109	-
33.	53	13	536	146,104	132
34.	5,449	3,287	119	554,821	13,203
35.	29,373	10,000	-	39,373	-
36.	-	-	-	143,292	489
37.	-	-	-	23,349	2,455
38.	24,400	10,946	-	35,346	-
39.	2,807	347	34	72,837	4,652
40.	-	-	60	113,340	3,960
41.	40,960	22,990	464	103,877	48,279
42.	1,010	134	-	1,144	178
43.	91,314	29,504	-	1,134,558	5,241
44.	116,929	38,977	-	812,401	6,265
45.	66,525	9,415	27	183,021	4,079
46.	8,847	5,657	-	114,854	392
47.	2,143	1,832	-	49,862	272
48.	15,044	6,786	-	61,377	-
49.	-	-	-	1,839	30
50.	-	-	53	259,946	8,909
51.	15,024	5,008	392	217,246	-
52.	13,806	6,226	-	118,663	5,651
53.	65,461	31,115	928	1,287,267	54,230
54.	-	-	-	37,051	6,522
55.	-	-	-	413,930	15,376
56.	-	-	-	-	-
57.	43,906	10,494	582	157,096	8,217
58.	-	-	-	1,759,668	-
	5,781,651	1,406,571	70,950	x 116,895,751	4,235,931
	2,924,679	706,937	39,187	61,307,450	2,618,805

Divided on car mileage basis

x Exclusive of motor miles.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	44,994	4,861,993
2.	Algoma Central and Hudson Bay	604,738	136,624,792
3.	Algoma Eastern	1,339,059	24,158,493
4.	Alma and Jonquiere	95,111	-
5.	Atlantic, Quebec and Western	192,762	6,299,803
6.	Brandon, Sask. and Hudson Bay	38,570	1,308,942
7.	British Yukon	13,467	1,075,923
8.	Canada and Gulf Terminal	60,636	943,067
9.	Canada Southern	8,734,016	1,201,599,867
10.	Canadian National	47,432,206	15,975,268,383
11.	Eastern Lines	3,060,615	876,890,066
12.	Total	49,005,625	16,852,158,449
13.	Canadian Pacific	34,374,152	14,514,230,389
14.	Central Canada	51,484	3,492,715
15.	Central Vermont	592,436	13,865,611
16.	Crow's Nest Southern	312,754	15,294,623
17.	Cumberland Railway & Coal Co.	433,321	3,077,598
18.	Dominion Atlantic	366,135	29,512,233
19.	Eastern British Columbia	144,136	1,661,452
20.	Edmonton, Dunvegan and British Columbia	357,653	69,887,386
21.	Esquimalt and Nanaimo	1,605,461	44,440,234
22.	Essex Terminal	33,930	339,300
23.	Fredericton and Grand Lake Coal & Railway Co.	129,124	3,858,468
24.	Greater Winnipeg Water District	89,668	-
25.	Kent Northern	10,397	300,000
26.	Kettle Valley	1,363,404	102,616,472
27.	Lacombe and North Western	39,605	1,353,552
28.	Maine Central	167,435	853,919
29.	Manitoba Great Northern	6,457	34,714
30.	Maritime Coal Railway and Power Co.	189,206	2,088,120
31.	Midland Railway of Manitoba	154,038	10,881,576
32.	Montreal and Atlantic	1,257,168	67,592,197
33.	Morrissey, Fernie and Michel	451,520	2,754,365
34.	Napierville Junction	756,169	20,971,067
35.	Nelson and Fort Sheppard	57,746	1,710,438
36.	New Brunswick Coal and Railway Co.	137,307	1,093,272
37.	Nipissing Central	84,860	1,341,917
38.	Ottawa and New York	205,498	9,811,305
39.	Pacific Great Eastern	59,421	4,693,064
40.	Pembina Valley	5,557	127,442
41.	Pere Marquette	3,022,292	458,062,884
42.	Quebec Central	1,545,573	106,923,942
43.	Quebec, Montreal and Southern	647,761	30,250,686
44.	Quebec Oriental	150,672	11,091,968
45.	Quebec Railway Light and Power Co.	352,701	4,683,780
46.	Roberval-Saguenay	429,952	6,969,472
47.	Rutland and Noyan	112,052	376,495
48.	St. Lawrence and Adirondack	1,474,015	48,307,735
49.	Sydney and Louisburg	5,113,385	67,480,776
50.	Temiscouata	261,792	9,880,787
51.	Temiskaming and Northern Ontario	1,286,554	232,417,585
52.	Thousand Islands	-	336,072
53.	Toronto, Hamilton and Buffalo	3,169,647	119,062,133
54.	Vancouver, Victoria and Eastern	379,172	9,054,178
55.	Wabash (in Canada)	2,969,655	639,839,264
	TOTAL	125,967,439	34,901,652,515
	Canadian National (Can. & U.S.)	62,104,477	19,463,850,407

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1927

No.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
			Freight Loaded	Freight Empty	
1.	12,383	1,273,144	379,175	239,082	185,924
2.	50,647	3,003,622	3,915,182	2,241,695	536,336
3.	27,745	1,026,060	665,010	551,551	169,361
4.	-	-	-	-	-
5.	46,285	1,552,477	289,353	144,713	245,753
6.	25,072	865,596	77,465	42,648	96,665
7.	18,795	962,474	126,493	64,209	143,711
8.	54,677	1,011,200	60,762	30,822	12,994
9.	1,517,946	187,965,173	74,771,765	47,039,832	24,925,210
10.	18,006,192	1,268,287,591	712,916,855	366,435,925	151,787,892
11.	1,793,864	108,190,727	41,054,059	13,706,672	13,488,570
12.	19,800,056	1,376,478,318	753,970,914	380,142,597	165,276,462
13.	13,602,337	1,270,090,498	607,077,159	296,571,121	153,079,590
14.	13,602	557,190	182,986	100,893	54,968
15.	157,273	3,407,431	633,622	352,650	382,456
16.	5,810	174,553	419,093	374,760	16,016
17.	36,393	410,702	114,507	114,506	52,317
18.	380,510	14,904,379	2,219,584	982,582	1,839,210
19.	4,969	55,974	39,548	38,594	7,512
20.	61,719	8,007,465	3,496,891	1,964,552	716,256
21.	145,164	4,798,432	1,753,346	1,312,813	847,550
22.	-	-	122,260	96,692	-
23.	13,023	278,638	145,347	87,690	26,012
24.	11,518	575,736	-	-	-
25.	4,700	119,400	8,450	8,450	16,900
26.	64,066	7,818,241	3,416,366	923,792	1,109,516
27.	8,278	294,207	84,979	53,326	30,422
28.	16,927	86,328	37,176	25,212	17,466
29.	1,723	19,953	2,279	1,265	14,757
30.	11,715	95,174	46,146	43,569	29,760
31.	70,932	3,655,821	603,487	510,996	717,020
32.	309,083	8,421,551	4,274,484	1,693,296	1,051,816
33.	105,600	644,160	147,000	147,000	25,000
34.	236,442	8,846,834	634,256	503,011	728,141
35.	19,372	410,427	91,777	50,470	8,543
36.	16,566	335,396	57,827	25,487	37,373
37.	70,011	1,302,420	111,529	67,239	39,183
38.	105,210	2,787,126	387,626	303,587	267,059
39.	202,636	3,063,019	401,652	216,230	265,570
40.	442	10,174	7,688	3,674	1,664
41.	91,526	1,857,107	25,705,392	14,430,337	596,669
42.	578,803	21,675,872	4,917,274	2,615,345	1,996,394
43.	140,762	3,668,349	1,310,689	981,891	387,188
44.	40,600	2,178,443	484,234	147,317	255,254
45.	1,479,433	15,070,567	229,957	146,317	# 93,355
46.	67,632	698,993	231,991	166,878	97,625
47.	-	-	14,766	9,056	-
48.	700,064	13,931,303	1,670,697	1,519,988	794,560
49.	135,785	1,650,232	2,955,543	2,753,962	169,415
50.	44,852	1,324,698	479,432	296,407	195,161
51.	647,357	42,679,338	11,058,167	4,851,971	4,511,797
52.	23,004	145,615	22,134	6,522	32,920
53.	461,809	16,210,520	3,633,705	2,431,827	1,322,769
54.	121,576	3,676,675	506,595	328,059	539,495
55.	77,720	11,707,034	38,782,444	23,169,505	1,973,451
	41,840,550	3,051,784,039	1,552,776,204	790,925,988	365,940,546
	20,637,826	1,483,083,807	882,499,308	451,495,643	181,686,446

Exclusive of 456,597 electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, General Officers and Assistants	842
2.	Division Officers	1,117
3.	Assistant Engineers and Draftsmen	913
4.	Other Miscellaneous Officials	1,439
5.	Clerks	17,922
6.	Telephone Switchboard Operators	293
7.	Office boys, Messengers, Attendants and Misc. Trades Workers	1,182
8.	Janitors and cleaners	1,388
	Total	25,096
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and Building Department Foremen	630
10.	Carpenters and Bridgemen	3,289
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths and Pump Repairers	349
12.	Masons, Bricklayers, Plasterers and Painters	517
13.	Helpers, B. and B. Department	338
14.	Apprentices, B. and B. Department	55
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	422
16.	Pumpmen	730
17.	Extra gang and Snow Plough Foremen	538
18.	Signal Foremen	41
19.	Section Foremen	6,185
20.	Sectionmen	19,083
21.	Labourers	14,147
22.	Foremen - Linemen	80
23.	Telegraph and Telephone Linemen and Groundmen	336
24.	Signal and Interlocker Maintainers and Repairmen	350
	Total	47,090
	MAINTENANCE OF EQUIPMENT	
25.	General Foremen	70
26.	Department and Gang Foremen	2,348
27.	Blacksmiths	744
28.	Boilermakers	1,388
29.	Carmen (a)	2,464
30.	Carmen (b)	644
31.	Carmen (c)	8,046
32.	Carmen (d)	339
33.	Electrical workers	795
34.	Machinists	4,704
35.	Moulders	139
36.	Pipe Fitters and Sheet Metal Workers	1,051
37.	Helpers to Mechanics	7,706
38.	Helper Apprentices	123
39.	Regular Apprentices	1,662
40.	Car Cleaners	1,661
41.	Other Unskilled Employees	3,978
42.	Unclassified Labourers	3,640
43.	Stationary Engineers, Firemen and Oilers	939
	Not distributed	-
	Total	42,441

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
1.	249,259	-	5,218,272.30	20.94	
2.	361,612	-	3,872,181.58	10.71	
3.	283,086	-	1,664,652.98	5.88	
4.	438,232	-	3,709,322.30	8.46	
5.	5,520,335	-	25,504,359.77	4.62	
6.	90,147	-	265,639.79	2.95	
7.	366,710	-	856,613.24	2.34	
8.	371,203	-	927,016.63	2.50	
	7,680,584	-	42,018,058.59	5.47	
9.	199,893	-	1,155,682.36	5.78	
10.	-	8,219,381	4,698,209.51		.572
11.	-	870,834	618,932.76		.711
12.	-	1,205,948	731,654.22		.607
13.	-	818,829	399,611.66		.498
14.	-	87,241	34,018.15		.390
15.	-	1,289,330	785,828.21		.609
16.	-	1,975,904	876,274.52		.443
17.	-	1,450,023	992,410.88		.684
18.	11,742	-	89,012.70	7.58	
19.	-	15,913,759	9,151,464.80		.575
20.	-	47,863,390	18,891,655.81		.395
21.	-	38,248,399	11,463,849.08		.300
22.	22,379	-	154,767.89	6.92	
23.	-	861,412	423,395.35		.492
24.	-	936,495	604,719.71		.646
	234,014	119,740,945	51,071,487.61	5.98	.415
25.	22,413	-	220,412.81	9.83	
26.	759,544	-	5,637,151.00	7.42	
27.	-	1,641,131	1,244,993.91		.759
28.	-	3,146,925	2,389,088.39		.759
29.	-	5,293,176	4,032,450.06		.762
30.	-	1,355,850	1,043,862.87		.770
31.	-	18,593,400	12,766,759.45		.687
32.	-	734,607	504,727.25		.687
33.	-	1,872,823	1,352,944.14		.722
34.	-	10,454,072	7,932,089.39		.759
35.	-	296,202	234,884.76		.793
36.	-	2,325,448	1,764,677.85		.759
37.	-	17,426,873	9,325,912.83		.535
38.	-	272,822	149,687.82		.549
39.	-	3,479,676	1,677,328.71		.482
40.	-	4,190,659	1,737,075.71		.415
41.	-	10,726,222	4,414,123.82		.412
42.	-	8,413,432	3,352,356.10		.398
43.	-	2,452,494	1,352,414.26		.551
	-	-	50,421.37		
	781,957	92,675,812	61,183,362.50	7.49	.596

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and Sergeants of Police	162
45.	Constables and Policemen	675
46.	Storekeepers	150
47.	Storemen	2,119
48.	Train Despatchers and Traffic Supervisors	550
49.	Supervisory Agents and Assistants	765
50.	Station Agents - Non-telegraphers (small station)	232
51.	Station Agents - Telegraphers and Telephoners	5,949
52.	Signalmen (non-telegraphers) at Interlockers	474
53.	Foremen in Freight Sheds	483
54.	Freight Handlers and other Station Employees	5,325
55.	Labourers	536
56.	Dining car and Restaurant Inspectors, Conductors and Stewards	352
57.	Dining car and Restaurant Helpers and Attendants	1,947
58.	News Agents	-
59.	Floating Equipment Employees	730
60.	Sleeping and Parlour Car Inspectors and Conductors	222
61.	Sleeping and Parlour Car Porters	1,095
62.	Drawbridge Operators	104
63.	Signalmen or Watchmen at Crossings (non interlocked)	802
64.	Yardmasters and Assistants	402
65.	Switch Tenders	485
66.	Hostlers	667
67.	Road Passenger Conductors	898
68.	Road Freight Conductors	2,480
69.	Road Passenger Brakemen, Baggagemen and Flagmen	1,961
70.	Road Freight Brakemen and Flagmen	5,353
71.	Yard Conductors and Yard Foremen	1,366
72.	Yard Brakemen and Helpers	2,791
73.	Road Passenger Engineers and Motormen	1,277
74.	Road Freight Engineers and Motormen	3,017
75.	Yard Engineers and Motormen	1,258
76.	Road Passenger Firemen and Helpers	1,257
77.	Road Freight Firemen and Helpers	3,193
78.	Yard Firemen and Helpers	1,274
	Total	50,351
79.	Express Department	3,000
80.	Radio Department	85
81.	Employees engaged in Outside Operations	8,275
	GRAND TOTAL	176,338
	Total number of female employees (monthly average)	4,883

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
44.	51,891	-	350,291.08	6.75	
45.	232,393	-	1,102,193.83	4.74	
46.	48,471	-	303,488.03	6.26	
47.	-	4,799,310	2,184,927.95		.455
48.	-	1,442,503	1,669,668.29		1.157
49.	-	1,974,788	1,528,901.20		.774
50.	-	530,651	245,519.03		.463
51.	-	15,603,870	11,316,023.52		.725
52.	-	1,223,726	591,962.50		.484
53.	-	1,190,462	808,951.19		.680
54.	-	12,937,810	6,481,827.75		.501
55.	-	1,372,852	576,224.96		.420
56.	-	1,035,661	637,126.16		.615
57.	-	6,030,855	1,996,915.69		.331
58.	-	-	-		-
59.	-	2,516,541	963,510.26		.383
60.	-	644,056	448,572.97		.696
61.	-	3,276,056	1,169,913.40		.357
62.	-	278,901	135,699.35		.487
63.	-	2,094,917	792,116.72		.378
64.	134,007	-	1,210,954.36	9.04	
65.	173,754	-	829,388.92	4.77	
66.	227,377	-	1,207,606.47	5.31	
67.	-	2,354,259	2,535,080.70		1.077
68.	-	7,666,399	7,054,293.13		.920
69.	-	5,115,564	4,067,485.90		.795
70.	-	15,681,843	11,333,323.45		.723
71.	-	3,801,893	3,216,929.95		.846
72.	-	7,486,614	5,876,767.33		.785
73.	-	2,775,054	3,950,528.60		1.424
74.	-	9,162,063	9,565,753.29		1.044
75.	-	3,751,630	3,230,694.85		.861
76.	-	2,671,686	2,928,114.67		1.096
77.	-	9,210,284	7,261,918.38		.788
78.	-	3,774,198	2,540,892.41		.673
	867,893	130,404,446	100,113,566.29	5.77	.729
79.	959,062	-	4,288,675.65	4.47	
80.	26,691	-	125,174.00	4.69	
81.	-	22,664,238	8,266,723.14		.365
	10,550,201	365,485,441	267,067,047.78	5.56	.570

Total pay roll charged to operating expenses 240,688,933.85

52-D-22

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1928

Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

OTTAWA

1929

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1928

Canadian railways earned larger gross operating revenues during 1928 than in any previous year. Freight revenues amounted to $415,633,456, passenger revenues to $84,313,962, and total revenues to $563,732,259. The freight revenue was by far the largest ever earned exceeding the record made in 1927 by $54,328,419, but passenger receipts, although larger than in either 1927 or 1926, were not as large as in 1923, 1921, 1920 and 1919. The gain in the passenger traffic made in the past three years has been in the long haul traffic, the average journey increasing from 70.2 miles in 1925 to 70.3 miles in 1926, to 72.9 miles in 1927, and to 77.4 miles in 1928.

Operating expenses amounted to $442,701,270, which was $35,054,990 more than for 1927, the large increases being $11,327,259, or 13 per cent, in maintenance of way and structures, $8,143,201, or 9 per cent, in maintenance of equipment, and $15,845,598, or 8 per cent, in transportation expenses.

After making all additions and deductions to income, including dividends and charges for reserves, there was a debit balance carried to profit and loss of $9,192,149 for the railways as a whole. This was the smallest debit for a number of years and included interest charges of $96,332,027, the Canadian National railway interest charges on Dominion loans amounting to $32,507,337. Also, dividends on common stock, amounting to $29,555,829, exceeded dividend payments for 1927 by $3,007,699. Of the fifty-three railways reporting, twenty-four showed net corporate incomes aggregating $61,489,755 and twenty-nine showed losses amounting to $36,058,906. The corporate loss of the Canadian National system amounted to $29,868,437, including the deficit of the Eastern Lines of $5,138,027 which, under the Maritime Freight Rates Act, was met by a separate appropriation by the Government and which the report to Parliament treated as a credit to income account. The present report, however, does not show this credit.

During the year 482.82 miles of new lines were opened for operation, 757.39 miles were under construction, and 630.70 miles were completed but not opened for operation. The greater part of this new mileage completed and also under construction was in Saskatchewan and Alberta. In Saskatchewan 194.71 miles were opened for traffic, 26.51 miles were completed but not opened, and 328.25 miles were under contract, and in Alberta, 171.68 miles were opened, 149.70 miles were completed but not opened at the close of the year, and 364.69 miles were under contract. The total amount expended on new lines during the year amounted to $30,843,793, on additions and betterments to $47,699,981, and $1,107,153 not distributed. The total investment in road and equipment reported as at December 31, 1928, was $3,018,190,136, which included a credit of $3,477,505 for property of the Canadian National system turned over in 1928 to the Harbour Commissions of Halifax,($12,830,122) and Saint John, ($647,383).

The net increase to all tracks, including yard tracks and sidings, second and other main track, and industrial tracks, amounted to 738 miles. With the exception of 51.43 miles of 3 feet-6 inches gauge and 1.95 miles of track with three rails, which is both standard and narrow gauge, all the track of the Canadian railways is standard gauge of 4 feet-8½ inches. The narrow gauge lines are on Prince Edward Island, being a part of the Canadian National system on the island.

The net increase in single track or route miles for the year was 451.72 miles which was the largest increase in any year since 1917. This does not include the Hudson Bay railway which is being rehabilitated and completed through to Churchill on Hudson Bay by the Dominion Government, but only mileage of railways operating and reporting to the Bureau. The mileage under contract and completed but not opened for

traffic on December 31, 1928, indicates a still larger increase of new railway will be opened for operation during 1929.

In the 1928 report revenues from the telegraph service of the Canadian National railways were included with the operating revenues under "Telegraph and Telephone" and the expenses were charged to the appropriate operating expense accounts instead of the net results being brought into the income account as in previous years. This treatment, of course, does not affect the net results, but increases the gross revenues and operating expenses and is the chief factor in the increase of $6,458,760 in earnings, shown under "Incidental."

The large increase in freight traffic was in wheat which amounted to 17,997,862 tons as against 12,295,949 tons in 1927. This was the first year that the wheat tonnage exceeded the bituminous coal tonnage which in previous years was the heaviest single commodity handled by the railways. Wheat, however, with an average haul of around 650 miles produced considerably more ton miles than bituminous coal which is largely made up of eastern coal with a very short haul and coal imported at Ontario and Quebec ports; the large consumption at Montreal, Toronto, Hamilton and other manufacturing centres makes the average haul under 100 miles. Grain and grain products constituted over 22 per cent of the total revenue tonnage handled by the railways in 1928 and their ton miles were around 60 per cent of the total ton miles of all commodities.

Manufactures and miscellaneous freight was heavier than in 1927 by 3,402,975 tons, or 12.6 per cent. Refined petroleum and its products (gasoline, etc.) was heavier by 453,865 tons, or 20.8 per cent, and automobiles and auto trucks increased by 669,724 tons, or 38 per cent; the greater part of this increase was in United States autos passing through Canada in bond. Wood pulp was lighter than in 1927 by 47,319 tons, or 3 per cent. This class of freight reached its peak in 1925 and showed decreases in each of the following years due to more of it being manufactured into paper in self-contained mills. Paper, printed matter, books, the tonnage of which is largely paper, increased by 325,253 tons, or 14 per cent.

The total pay roll of all railways amounted to $287,775,315, of which $264,669,151 was charged to operating expenses and $23,106,164 was charged to capital accounts. The number of employees increased from 176,032 (revised data) in 1927 to 187,710. Those employees paid on a daily basis, including executives on annual or monthly salaries, received an average of $5.63 per day and those on an hourly basis received $.573 per hour, as against $5.56 and $.570, respectively, in 1927. Excluding the employees in outside operations which are largely hotel employees, the average hourly wage was $.756 as against $.729 in 1927.

There were decreases in all classes of freight cars in service at the end of the year except refrigerator cars which showed a net increase of 148, but all classes showed increased average capacities, indicating that the smaller cars were retired and replaced in part by cars of greater capacity. The Pullman equipment assigned to Canadian service has been included for the first time in this report. Including these 14 parlour and 160 sleeping cars, the total number of passenger train cars was increased by 262, motor passenger cars increasing by 4, first class passenger cars by 10, immigrant cars by 70, parlour cars by 26, and sleeping cars by 155. Freight and passenger locomotives in service showed a reduction of 19 and 12, respectively, but 33 more switching locomotives were in service, and the average tractive power of all locomotives increased from 34,689 pounds in 1927 to 35,193 pounds.

The cost of fuel for locomotives for the year amounted to $49,257,670, an increase over the 1927 bill of $2,671,321, or 5.7 per cent.

During the year 16,755,561 cross ties costing $15,353,041 were placed in track and of this amount $14,326,177 was charged to maintenance, the remainder being for additions and betterments and new lines. The total cost of rails placed in track amounted to $25,510,996, including 331,000 tons of new rail costing $16,476,918 and 353,682 tons of relay rails costing $9,034,078.

The number of passengers killed in train accidents was 15, of which none were killed in collisions, 2 were killed in derailments, 5 in falling from trains, 6 in boarding or alighting from trains, 1 passenger was struck at a station and 1 was killed by other causes. The number of passengers injured was 326 which was less than for any year since 1921. The number of employees killed in train accidents amounted to 114 which was an increase of 8 over the number for 1927. Of these, 56 were trainmen

and 35 were trackmen. The injured employees numbered 2,214, of which 1,693 were trainmen and 308 were trackmen. In addition to these, 28 persons were killed in accidents resulting from other causes than the movement of trains as against 34 in 1927. Of these, 8 were trackmen, 6 were shopmen, 12 were other employees, 2 were postal clerks and 2 were other persons. From these causes, 10,548 persons were injured including 63 passengers, 3,722 trackmen, 872 stationmen, 3,472 shopmen, and 2,346 other employees. During the year 136 trespassers and 191 non-trespassers were killed and 181 trespassers and 512 non-trespassers were injured, the total number of persons killed in train accidents being 479 as against 368 in 1927 and the number injured was 3,257 as against 2,942 in 1927. The number of persons killed at highway crossings was 182 and the number injured was 460, which was an increase compared with 1927 of 86 killed and 113 injured. This large increase was almost entirely from automobile accidents at both rural and urban crossings, the number of motorists killed amounting to 149 as against 73 the previous year and the number injured being 418 as against 300 in 1927. Gates, bells and watchmen were undoubtedly responsible for these totals not being larger, but despite these protections, 17 motorists were killed and 37 were injured at crossings protected by bells; 5 were killed and 13 were injured at crossings protected by watchmen, and 8 were injured at crossings protected by gates. According to the investigations of the Board of Railway Commissioners, it is not uncommon for motorists to approach railway grade crossings at high speeds and disregard the warnings of watchmen and also to crash through gates or even into the sides of trains.

The accounts of the Eastern Lines of the Canadian National railways, which were segregated under the Maritime Freight Rates Act, are shown separately in this report and at the foot of the tables are shown data of the Canadian National system including the Eastern Lines and other Canadian National lines in Canada and in the United States. The Eastern Lines credited operating revenues with $2,151,527.75 due from the Dominion Government on account of the reduction ordered in certain freight rates under the Maritime Freight Rates Act, which is in addition to the deficit of $5,138,027 mentioned above. This deficit needs a word of explanation as it includes interest on Dominion Government loans set up by the railway but not by the Finance Department of the Dominion Government. The amount voted for the Eastern Lines for 1928 was $2,151,527.75 for freight rate reductions and $4,200,356.51 for the remainder of the deficit. Thus the total amount paid by the Dominion Government for railway service in the "Select Territory," as designated by the Maritime Freight Rates Act, was $6,351,884 to Eastern Lines and $828,893 to other railways, or a total of $7,180,777 for 1928. In the 1927 report the Eastern Lines did not credit operating revenues with the difference in freight revenues due to the reductions ordered under the Maritime Freight Rates Act which was effective from July 1, 1927, and thus increased the railway deficit accordingly.

12/10/29/GA

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.	Name of Railway	Total Operating Revenues $	Total Operating Expenses $
1.	Alberta and Great Waterways	326,184.10	264,169.
2.	Algoma Central and Hudson Bay	2,232,525.69	1,971,008.
3.	Algoma Eastern	806,276.84	452,857.
4.	Alma and Jonquiere	96,823.29	81,288.
5.	Atlantic, Quebec and Western	271,960.44	268,534.
6.	Brandon, Saskatchewan and Hudson Bay	112,029.95	146,063.
7.	British Yukon	206,084.21	126,019.
8.	Canada and Gulf Terminal	139,879.15	100,490.
9.	Canada Southern	24,261,444.37	14,229,386.
10.	Canadian National	232,459,577.39	186,296,821.
11.	Eastern Lines	27,959,347.30	31,483,351.
12.	Total	260,418,924.69	217,780,172.
13.	Canadian Pacific	230,406,354.10	173,871,972.
14.	Central Canada	124,375.11	148,039.
15.	Central Vermont	251,470.64	227,914.
16.	Crow's Nest Southern	161,255.40	117,000.
17.	Cumberland	201,936.24	153,177.
18.	Dominion Atlantic	1,861,671.25	1,603,960.
19.	Eastern British Columbia	80,944.29	69,458.
20.	Edmonton, Dunvegan and British Columbia	1,782,160.43	871,971.
21.	Esquimalt and Nanaimo	1,699,777.43	1,078,890.
22.	Essex Terminal	407,038.40	217,572.
23.	Fredericton and Grand Lake Coal & Railway Co.	123,776.58	72,571.
24.	Greater Winnipeg Water District	100,730.22	91,555.
25.	Kent Northern	29,936.98	32,143.
26.	Kettle Valley	2,101,741.24	1,648,295.
27.	Lacombe and North Western	20,333.67	11,861.
28.	Maine Central	16,236.34	20,503.
29.	Maritime Coal Railway & Power Co.	117,695.09	72,004.
30.	Midland Railway of Manitoba	482,128.77	492,476.
31.	Montreal and Atlantic	1,804,282.05	2,000,213.
32.	Morrissey, Fernie and Michel	145,145.22	112,989.
33.	Napierville Junction	703,765.99	371,320.
34.	Nelson and Fort Sheppard	98,667.35	124,244.
35.	New Brunswick Coal and Railway Co.	50,995.74	100,615.
36.	Nipissing Central	214,252.06	226,886.
37.	Ottawa and New York	323,179.92	395,129.
38.	Pacific Great Eastern	531,331.71	663,441.
39.	Pembina Valley	14,674.39	25,840.
40.	Pere Marquette	5,455,228.30	3,121,627.
41.	Quebec Central	3,172,334.64	2,356,012.
42.	Quebec, Montreal and Southern	627,431.26	747,929.
43.	Quebec Oriental	337,280.04	277,347.
44.	Quebec Railway Light and Power Co.	701,140.08	564,138.
45.	Roberval - Saguenay	551,366.53	437,520.
46.	Rutland and Noyan	5,828.37	11,608.
47.	St. Lawrence and Adirondack	966,789.37	867,518.
48.	Sydney and Louisburg	1,642,237.49	1,217,796.
49.	Temiscouata	340,741.98	290,674.
50.	Temiskaming and Northern Ontario	5,324,988.03	3,775,288.
51.	Thousand Islands	91,078.37	57,338.
52.	Toronto, Hamilton and Buffalo	3,570,439.02	2,155,910.
53.	Vancouver, Victoria and Eastern	728,940.32	850,412.
54.	Wabash (in Canada)	7,488,446.75	5,728,102.
	TOTAL	563,732,259.89	442,701,270.
	Canadian National (Can. & U.S.)	304,591,268.52	249,731,695.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
1.	62,014.66	5,535.91	-	56,478.75
2.	261,516.75	42,565.13	-	218,951.62
3.	353,419.02	2,139.72	-	351,279.30
4.	15,535.10	366.00	-	15,169.10
5.	3,425.86	3,399.39	-	26.47
6.	- 34,033.83	3,565.73	-	- 37,599.56
7.	80,064.83	8,767.28	-	71,297.55
8.	39,388.77	-	-	39,388.77
9.	10,032,057.45	731,677.27	819.49	9,299,560.69
10.	46,162,756.13	3,152,991.15	33,583.97	42,976,181.01
11.	- 3,524,004.22	258,971.59	6,388.02	- 3,789,363.83
12.	42,638,751.91	3,411,962.74	39,971.99	39,186,817.18
13.	56,534,381.24	6,044,287.36	-	50,490,093.88
14.	- 23,664.22	1,129.86	14.44	- 24,808.52
15.	23,556.05	2,763.32	1.99	20,790.74
16.	44,254.42	8,930.65	-	35,323.77
17.	48,758.91	2,920.00	-	45,838.91
18.	257,710.70	19,292.85	-	238,417.85
19.	11,485.82	2,978.20	-	8,507.62
20.	910,189.40	10,584.73	43.31	899,561.36
21.	620,886.84	75,846.13	-	545,040.71
22.	189,466.35	26,254.50	-	163,211.85
23.	51,205.16	3,149.67	-	48,055.49
24.	9,174.84	-	-	9,174.84
25.	- 2,206.25	177.09	-	- 2,383.34
26.	453,446.07	76,175.86	4.58	377,265.63
27.	8,472.21	150.00	-	8,322.21
28.	- 4,267.65	701.71	-	- 4,969.36
29.	45,690.63	735.89	-	44,954.74
30.	- 10,347.88	44,612.73	-	- 54,960.61
31.	- 195,931.91	22,424.69	-	- 218,356.60
32.	32,155.36	133.25	-	32,022.11
33.	332,445.09	24,450.00	-	307,995.09
34.	- 25,577.45	12,499.73	-	- 38,077.18
35.	- 49,619.76	14.50	-	- 49,634.26
36.	- 12,633.98	-	-	- 12,633.98
37.	- 71,949.68	13,393.48	-	- 85,343.16
38.	- 132,109.76	-	61.20	- 132,170.96
39.	- 11,165.69	-	-	- 11,165.69
40.	2,333,600.70	87,008.59	219.02	2,246,373.09
41.	816,322.10	54,603.30	-	761,718.80
42.	- 120,498.22	12,678.00	443.98	- 133,620.20
43.	59,932.55	3,454.13	-	56,478.42
44.	137,001.26	14,319.50	-	122,681.76
45.	113,845.98	3,844.22	-	110,001.76
46.	- 5,779.64	26.25	-	- 5,805.89
47.	99,271.28	35,325.96	-	63,945.32
48.	424,441.00	26,409.80	-	398,031.20
49.	50,067.61	6,563.48	-	43,504.13
50.	1,549,699.10	-	-	1,549,699.10
51.	33,739.71	606.00	-	33,133.71
52.	1,414,528.70	151,823.75	178.78	1,262,526.17
53.	- 121,472.46	130,821.41	-	- 252,293.87
54.	1,760,344.51	524.07	-	1,759,820.44
	121,030,989.56	11,131,593.83	41,758.78	109,857,636.95
	54,859,573.32	5,257,922.02	43,673.37	49,557,977.93

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.	Name of Railway		Net Income from Outside Operations	Total Non-operating Income
			$	$
1.	Alberta and Great Waterways	Dr.	4,384.21	42,362.53
2.	Algoma Central and Hudson Bay		-	196,182.60
3.	Algoma Eastern		-	15,722.78
4.	Alma and Jonquiere		-	345.25
5.	Atlantic, Quebec and Western		-	12,397.28
6.	Brandon, Saskatchewan and Hudson Bay		-	9,139.99
7.	British Yukon		-	15,965.00
8.	Canada and Gulf Terminal		-	5,173.83
9.	Canada Southern		-	264,180.32
10.	Canadian National	Dr.	133,545.89	15,010,140.60
11.	Eastern Lines	Dr.	1,510.50	308,459.91
12.	Total	Dr.	135,056.39	15,318,600.51
13.	Canadian Pacific		3,735,718.04	10,901,132.37
14.	Central Canada		23,360.52	5,209.71
15.	Central Vermont		-	21,618.41
16.	Crow's Nest Southern		-	38,103.45
17.	Cumberland Railway and Coal Co.		-	-
18.	Dominion Atlantic		25,697.28	907.56
19.	Eastern British Columbia		-	4,702.00
20.	Edmonton, Dunvegan & British Columbia		26,503.03	137,887.07
21.	Esquimalt and Nanaimo		-	-
22.	Essex Terminal		-	31,551.63
23.	Fredericton & Grand Lake Coal & Railway Co.		-	-
24.	Greater Winnipeg Water District		-	2,200.00
25.	Kent Northern		-	-
26.	Kettle Valley		-	162,046.48
27.	Lacombe and North Western		487.52	918.14
28.	Maine Central		-	283.20
29.	Maritime Coal, Railway & Power Co.		-	-
30.	Midland Railway of Manitoba		-	41,707.62
31.	Montreal and Atlantic		-	1,400.00
32.	Morrissey, Fernie and Michel		-	40.61
33.	Napierville Junction		-	4,202.45
34.	Nelson and Fort Sheppard		-	12,079.01
35.	New Brunswick Coal and Railway Co.		-	-
36.	Nipissing Central		-	9.00
37.	Ottawa and New York		-	5,349.55
38.	Pacific Great Eastern		-	12,416.58
39.	Pembina Valley		4,976.59	5,124.00
40.	Pere Marquette		-	169,089.88
41.	Quebec Central		-	11,958.48
42.	Quebec, Montreal and Southern		-	200,212.76
43.	Quebec Oriental		-	6,863.39
44.	Quebec Railway, Light & Power Co.		-	-
45.	Roberval - Saguenay		-	2,224.54
46.	Rutland and Noyan		-	4,000.00
47.	St. Lawrence and Adirondack		-	2,156.53
48.	Sydney and Louisburg		-	-
49.	Temiscouata		-	2,597.08
50.	Temiskaming and Northern Ontario		-	69,322.22
51.	Thousand Islands		-	611.55
52.	Toronto, Hamilton and Buffalo		-	285,372.37
53.	Vancouver, Victoria and Eastern		-	354,459.53
54.	Wabash (in Canada)		-	-
	TOTAL		3,677,302.38	28,377,827.26
	Canadian National (Can. & U.S.)	Dr.	135,056.39	8,549,414.86

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.		Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses		Net Corporate Income
		$	$	$	$		$
1.		94,457.07	759,059.23	32,782.50	791,841.73	-	697,384.66
2.		415,134.22	504,000.00	259,258.88	763,258.88	-	348,124.66
3.		367,002.08	111,325.00	92,386.54	203,711.54		163,290.54
4.		15,514.35	-	5,606.93	5,606.93		9,907.42
5.		12,423.75	229,933.75	39,462.68	269,396.43	-	256,972.68
6.	Dr.	28,459.57	-	14,633.78	14,633.78	-	43,093.35
7.		87,262.55	86,782.92	1,873.60	88,656.52	-	1,393.97
8.		44,562.60	57,000.00	8,550.00	65,550.00	-	20,987.40
9.		9,563,741.01	-	3,130,297.99	3,130,297.99		6,433,443.02
10.		57,852,775.72	74,650,146.03	7,933,039.77	82,583,185.80	-	24,730,410.08
11.	Dr.	3,482,414.42	817,285.29	838,327.06	1,655,612.35	-	5,138,026.77
12.		54,370,361.30	75,467,431.32	8,771,366.83	84,238,798.15	-	29,868,436.85
13.		65,126,944.29	13,007,721.37	3,513,285.73	16,521,007.10		48,605,937.19
14.		3,761.71	184,550.38	43,275.06	227,825.44	-	224,063.73
15.		42,409.15	26,110.40	11,823.51	37,933.91		4,475.24
16.		73,427.22	-	25,431.87	25,431.87		47,995.35
17.		45,838.91	-	3,594.16	3,594.16		42,244.75
18.		265,022.69	239,926.67	195,802.88	435,729.55	-	170,706.86
19.		13,209.62	-	14,810.93	14,810.93	-	1,601.31
20.		1,063,951.46	789,683.61	186,177.58	975,861.19		88,090.27
21.		545,040.71	286,764.72	143,015.00	429,779.72		115,260.99
22.		194,763.48	21,000.00	-	21,000.00		173,763.48
23.		48,055.49	-	68,013.18	68,013.18	-	19,957.69
24.		11,374.84	-	5,345.00	5,345.00		6,029.84
25.	Dr.	2,383.34	2,699.82	1,280.10	3,979.92	-	6,363.26
26.		539,312.11	623,400.00	174,754.82	798,154.82	-	258,842.71
27.		9,727.87	22,811.42	2,351.71	25,163.13	-	15,435.26
28.	Dr.	4,686.16	2,865.84	155.54	3,021.38	-	7,707.54
29.		44,954.74	27,900.00	7,517.00	35,417.00		9,537.74
30.	Dr.	13,252.99	-	127,415.13	127,415.13	-	140,668.12
31.	Dr.	216,956.60	52,650.00	73,782.37	126,432.37	-	343,388.97
32.		32,062.72	-	-	-		32,062.72
33.		312,197.54	1.64	80,611.79	80,613.43		231,584.11
34.	Dr.	25,998.17	-	9,065.78	9,065.78	-	35,063.95
35.	Dr.	49,634.26	-	8,318.61	8,318.61	-	57,952.87
36.	Dr.	12,624.98	-	38,559.35	38,559.35	-	51,184.33
37.	Dr.	79,993.61	-	82,968.64	82,968.64	-	162,962.25
38.	Dr.	119,754.38	2,517,361.80	95,441.45	2,612,803.25	-	2,732,557.63
39.	Dr.	1,065.10	-	6,132.99	6,132.99	-	7,198.09
40.		2,415,462.97	135,000.00	1,393,804.08	1,528,804.08		886,658.89
41.		773,677.28	315,960.92	109,032.67	424,993.59		348,683.69
42.		66,592.56	193,877.75	8,996.09	202,873.84	-	136,281.28
43.		63,341.81	103,779.70	27,086.19	130,865.89	-	67,524.08
44.		122,681.76	-	-	-		122,681.76
45.		112,226.30	93,100.00	1.00	93,101.00		19,125.30
46.	Dr.	1,805.89	4,000.00	46.67	4,046.67	-	5,852.56
47.		66,101.85	49,007.55	219,982.37	268,989.92	-	202,888.07
48.		398,031.20	-	34,886.48	34,886.48		363,144.72
49.		46,101.21	29,395.55	12,928.59	42,324.14		3,777.07
50.		1,619,021.32	163,993.13	215,641.77	379,634.90		1,239,386.42
51.		33,745.26	-	1,226.96	1,226.96		32,518.30
52.		1,547,898.54	222,932.61	55,683.09	278,615.70		1,269,282.84
53.		102,165.66	-	276,478.01	276,478.01	-	174,312.35
54.		1,759,820.44	-	518,947.11	518,947.11		1,240,873.33
		141,912,766.59	96,332,027.10	20,149,890.99	116,481,918.09		25,430,848.50
		57,972,336.40	76,351,766.18	11,489,007.07	87,840,773.25	-	29,868,436.85

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Alberta and Great Waterways	304.89	2,192	
2.	Algoma Central and Hudson Bay	324.00	317,094	
3.	Algoma Eastern	88.52	54,852	
4.	Alma and Jonquiere	10.60	-	
5.	Atlantic, Quebec and Western	104.31	47,503	52,6
6.	Brandon, Saskatchewan & Hudson Bay	84.75	19,402	52,8
7.	British Yukon	90.32	-	6,1
8.	Canada and Gulf Terminal	38.10	-	
9.	Canada Southern	381.04	1,885,276	2,395,9
10.	Canadian National	18,024.01	27,549,311	19,246,1
11.	Eastern Lines	3,104.36	3,865,010	3,448,5
12.	Total	21,128,37	31,414,321	22,694,7
13.	Canadian Pacific	14,417.10	29,838,556	20,131,8
14.	Central Canada	99.47	30,801	17,4
15.	Central Vermont	25.33	32,682	48,1
16.	Crow's Nest Southern	52.99	20,436	3,3
17.	Cumberland	31.29	3,114	2
18.	Detroit River Tunnel	3.26	-	
19.	Dominion Atlantic	304.54	141,040	280,7
20.	Eastern British Columbia	13.04	-	
21.	Edmonton, Dunvegan & British Columbia	428.04	213,834	91,2
22.	Esquimalt and Nanaimo	209.70	200,807	189,9
23.	Essex Terminal	21.00	14,023	
24.	Fredericton & Grand Lake Coal & Railway Co.	31.10	-	
25.	International Bridge & Terminal Co.	1.06	-	
26.	Greater Winnipeg Water District	92.00	-	
27.	Kent Northern	27.00	-	
28.	Kettle Valley	404.66	229,540	232,4
29.	Lacombe and North Western	-	210	
30.	Maine Central	5.10	695	2
31.	Maritime Coal Railway & Power Co.	16.40	7,907	
32.	Midland Railway of Manitoba	75.76	47,296	97,6
33.	Montreal and Atlantic	184.60	309,065	301,3
34.	Morrissey, Fernie and Michel	5.37	-	
35.	Napierville Junction	43.01	37,025	117,3
36.	Nelson and Fort Sheppard	60.79	18,644	7,1
37.	New Brunswick Coal and Railway Co.	59.20	-	
38.	Nipissing Central	59.74	-	46,9
39.	Ottawa and New York	58.77	37,450	75,6
40.	Pacific Great Eastern	360.80	27,403	7,7
41.	Pembina Valley	26.51	-	
42.	Pere Marquette	336.88	909,834	139,9
43.	Quebec Central	357.82	248,288	344,6
44.	Quebec, Montreal and Southern	198.83	46,663	48,3
45.	Quebec Oriental	98.15	64,317	56,1
46.	Quebec Railway, Light and Power Co.	25.55	35,955	15,5
47.	Roberval-Saguenay	41.82	34,391	24,9
48.	Rutland and Noyan	3.36	2,133	
49.	St. Lawrence and Adirondack	60.26	81,579	176,7
50.	Sydney and Louisburg	76.97	125,146	33,81
51.	Temiscouata	113.25	40,986	50,5
52.	Temiskaming and Northern Ontario	388.50	629,976	628,27
53.	Thousand Islands	6.08	7,271	32,31
54.	Toronto, Ham ilton and Buffalo	111.03	162,238	165,59
55.	Van Buren Bridge Company	.36	-	
56.	Vancouver, Victoria and Eastern	284.83	28,335	78,42
57.	Wabash (in Canada)	245.40	1,570,762	270,10
	TOTAL	42,021.62	68,939,042	48,918,89
	Canadian National (Can. & U.S.)	22,468.49	36,066,209	25,138,29

MILEAGE OPERATED

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1928.

NO.	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
	# Freight	# Passenger			
1.	35,420	12,534	-	50,146	3,406
2.	139,869	44,169	-	501,634	80,078
3.	25,231	29,157	522	110,754	-
4.	-	-	-	-	-
5.	-	-	208	100,350	676
6.	-	-	276	72,569	1,012
7.	23,113	12,445	-	41,902	1,316
8.	10,126	6,075	-	16,201	-
9.	74,618	10,992	-	4,366,811	65,136
10.	2,124,715	436,108	26,804	49,383,096	2,631,612
11.	641,846	236,553	3,887	8,195,891	238,855
12.	2,766,561	672,661	30,691	57,578,987	2,970,467
13.	1,830,172	387,114	18,390	52,206,057	1,348,738
14.	354	506	100	49,231	18,630
15.	-	-	75	80,857	1,325
16.	-	-	-	23,743	2,906
17.	17,174	8,003	-	28,519	-
18.	-	-	-	-	-
19.	142,100	24,547	609	589,028	12,126
20.	6,812	1,076	2,570	10,458	25
21.	4,144	706	956	310,894	57,057
22.	-	-	-	390,773	19,191
23.	-	-	-	14,023	-
24.	22,936	-	-	22,936	-
25.	-	-	-	-	-
26.	-	-	-	-	-
27.	8,750	8,750	-	17,500	-
28.	19,531	2,108	312	483,986	55,994
29.	2,296	378	-	2,884	-
30.	5,339	921	-	7,240	690
31.	11,205	4,980	-	24,092	-
32.	-	-	-	144,985	200
33.	1,767	1,089	254	613,548	19,925
34.	24,460	7,500	-	31,960	-
35.	-	-	-	154,124	785
36.	-	-	-	25,765	1,339
37.	24,226	11,543	-	35,769	-
38.	38,121	3,470	-	88,528	33,723
39.	-	-	4	113,054	4,784
40.	43,231	22,416	1,724	102,502	51,006
41.	4,238	1,170	-	5,408	-
42.	94,319	26,254	-	1,170,355	5,724
43.	120,963	44,513	-	758,376	6,897
44.	65,179	7,467	-	167,684	8,374
45.	-	-	196	120,626	875
46.	1,540	1,710	-	54,738	887
47.	10,144	6,630	230	76,359	4,971
48.	-	-	-	2,133	72
49.	-	-	215	258,534	5,171
50.	15,745	4,287	34	179,022	-
51.	11,802	8,166	162	111,660	8,420
52.	56,770	19,089	785	1,334,894	42,663
53.	-	-	-	39,581	5,796
54.	15,552	5,028	-	348,409	7,567
55.	-	-	-	-	-
56.	37,620	9,119	-	153,502	14,139
57.	-	-	-	1,840,862	-
	5,711,428	1,406,573	58,313	125,034,253	4,862,091
	3,057,394	518,296	34,609	64,814,800	3,093,037

Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1928

NO.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	56,671	5,006,969
2.	Algoma Central and Hudson Bay	734,062	164,787,866
3.	Algoma Eastern	1,544,521	24,101,164
4.	Alma and Jonquiere	98,541	-
5.	Atlantic, Quebec and Western	206,070	6,808,270
6.	Brandon, Saskatchewan and Hudson Bay	50,439	1,543,125
7.	British Yukon	16,717	1,373,799
8.	Canada and Gulf Terminal	77,552	1,334,595
9.	Canada Southern	9,073,546	1,241,366,765
10.	Canadian National	51,685,623	17,884,008,828
11.	Eastern Lines	6,813,493	1,933,797,089
12.	Total	58,499,116	19,817,805,917
13.	Canadian Pacific	40,326,781	18,059,513,709
14.	Central Canada	91,733	6,635,910
15.	Central Vermont	542,542	15,456,436
16.	Crow's Nest Southern	277,834	14,784,499
17.	Cumberland Railway & Coal Company	524,795	3,244,077
18.	Dominion Atlantic	401,964	30,454,799
19.	Eastern British Columbia	173,681	2,162,953
20.	Edmonton, Dunvegan and British Columbia	434,926	104,126,578
21.	Esquimalt and Nanaimo	1,596,683	45,466,021
22.	Essex Terminal	40,527	405,270
23.	Fredericton and Grand Lake Coal & Railway Co.	137,558	4,131,290
24.	Greater Winnipeg Water District	122,458	-
25.	Kent Northern	12,456	311,375
26.	Kettle Valley	1,554,498	113,738,582
27.	Lacombe and North Western	11,097	395,996
28.	Maine Central	157,471	803,102
29.	Maritime Coal Railway & Power Company	185,128	1,937,240
30.	Midland Railway of Manitoba	147,653	10,692,826
31.	Montreal and Atlantic	1,492,102	78,799,495
32.	Morrissey, Fernie and Michel	499,317	2,681,332
33.	Napierville Junction	722,503	20,015,349
34.	Nelson and Fort Sheppard	60,243	2,279,977
35.	New Brunswick Coal and Railway Co.	146,716	1,100,083
36.	Nipissing Central	109,547	2,242,848
37.	Ottawa and New York	235,514	10,871,773
38.	Pacific Great Eastern	76,533	5,335,811
39.	Pembina Valley	14,237	313,827
40.	Pere Marquette	3,003,505	444,713,666
41.	Quebec Central	1,455,229	90,261,363
42.	Quebec, Montreal and Southern	597,847	27,070,490
43.	Quebec Oriental	142,021	10,315,384
44.	Quebec Railway Light and Power Co.	364,061	5,626,215
45.	Roberval-Saguenay	536,937	8,837,357
46.	Rutland and Noyan	124,140	417,110
47.	St. Lawrence and Adirondack	1,310,269	41,070,355
48.	Sydney and Louisburg	4,580,715	58,873,571
49.	Temiscouata	178,576	7,090,519
50.	Temiskaming and Northern Ontario	1,394,401	256,733,055
51.	Thousand Islands	X -	358,595
52.	Toronto, Hamilton and Buffalo	3,271,689	120,981,082
53.	Vancouver, Victoria and Eastern	371,707	11,573,061
54.	Wabash (in Canada)	3,445,197	724,709,325
	TOTAL	141,230,026	41,610,660,776
	Canadian National (Can. & U.S.)	72,325,911	22,587,502,881

X - Included in Canadian National Railways.

TONS AND PASSENGERS CARRIED AND C AR MILEAGE FOR YEAR ENDED DECEMBER 31, 1928

NO.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
	15,870	1,445,725	400,714	242,660	234,540
	52,028	3,161,195	4,507,889	2,773,378	546,803
	31,990	1,168,651	619,738	453,554	173,823
	-	-	-	-	-
	44,113	1,500,632	314,965	145,996	269,134
	19,734	716,424	88,688	50,729	109,163
	18,055	910,436	151,125	60,148	149,020
	50,330	944,253	80,081	38,550	20,188
	1,446,323	188,099,844	77,832,359	48,385,231	25,850,677
	15,479,982	1,195,264,113	764,817,203	389,627,989	146,530,505
	3,680,105	220,025,029	90,572,435	27,467,607	26,633,156
	19,160,087	1,415,289,142	855,389,638	417,095,596	173,163,661
	13,279,570	1,318,741,121	727,860,892	365,222,853	158,688,584
	19,653	921,641	325,791	174,512	83,449
	112,626	2,383,078	686,593	368,092	304,302
	5,024	156,609	347,931	309,851	6,583
	31,112	347,246	109,395	109,395	55,115
	357,781	15,110,633	2,453,174	1,084,534	1,956,652
	4,653	55,636	53,125	50,630	7,888
	82,083	12,649,814	4,780,703	2,352,153	1,012,019
	126,327	4,291,910	1,810,793	1,383,343	835,951
	-	-	103,790	176,680	-
	11,647	255,107	150,468	88,583	26,036
	10,993	590,647	-	-	--
	5,021	125,525	8,450	8,450	16,900
	70,236	8,077,716	3,508,743	978,370	1,098,311
	1,556	59,692	18,835	13,899	5,292
	9,033	46,068	39,022	27,814	10,876
	10,636	84,159	42,844	43,994	29,880
	61,988	3,401,582	630,597	519,778	720,851
	338,262	9,615,353	4,876,929	1,973,504	1,123,592
	116,000	622,920	62,500	62,500	7,500
	246,731	9,589,264	616,701	504,719	813,503
	15,170	336,898	97,497	52,873	13,542
	15,464	309,058	56,596	21,837	37,371
	96,590	2,779,816	230,752	131,557	266,705
	98,578	2,635,768	434,976	385,640	262,024
	203,503	3,175,639	422,953	252,530	260,979
	2,783	61,066	19,930	8,703	9,308
	70,122	1,386,244	25,872,446	15,193,761	584,129
	551,402	20,973,963	4,250,023	2,149,376	2,010,873
	133,148	3,535,260	1,189,894	962,079	378,068
	39,453	2,141,897	471,135	111,679	259,472
	1,453,471	14,622,315	270,790	195,033	# 93,947
	40,059	768,188	276,268	204,748	93,117
	-	-	16,047	9,218	-
	703,154	13,997,908	1,498,796	1,441,312	800,989
	129,761	1,446,880	2,528,582	2,431,277	170,834
	44,309	1,350,839	380,177	216,516	193,850
	627,073	43,178,003	12,188,723	5,651,188	4,526,874
	18,048	114,243	22,748	5,796	32,310
	434,948	15,413,012	3,952,590	2,431,430	1,191,129
	123,810	3,760,742	574,756	376,853	572,195
	52,484	8,510,931	43,330,060	25,162,940	1,639,424
	40,592,792	3,140,860,693	1,785,958,212	902,095,842	380,717,433
	19,877,213	1,514,259,974	994,123,499	491,500,133	190,193,139

- Exclusive of 433,867 electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, General Officers and Assistants	847
2.	Division Officers	1,124
3.	Assistant engineers and draftsmen	1,120
4.	Other miscellaneous officials	1,445
5.	Clerks	18,141
6.	Telephone switchboard operators	247
7.	Office boys, messengers, attendants and misc. trades workers	1,216
8.	Janitors and cleaners	1,436
	Total	25,576
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and building department foremen	624
10.	Carpenters and bridgemen	3,233
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths and pump repairers	326
12.	Masons, bricklayers, plasterers and painters	526
13.	Helpers, B. and B. Department	330
14.	Apprentices, B. and B. Department	62
15.	Pile driver, ditching, hoist and steam shovel employees	466
16.	Pumpmen	727
17.	Extra gang and snow plough foremen	563
18.	Signal foremen	41
19.	Section foremen	6,265
20.	Sectionmen	19,658
21.	Labourers	16,474
22.	Foremen - Linemen	81
23.	Telegraph and telephone linemen and groundmen	456
24.	Signal and interlocker maintainers and repairmen	415
	Total	50,247
	MAINTENANCE OF EQUIPMENT	
25.	General foremen	70
26.	Department and gang foremen	2,365
27.	Blacksmiths	767
28.	Boilermakers	1,461
29.	Carmen (a)	2,741
30.	Cammen (b)	723
31.	Carmen (c)	8,299
32.	Carmen (d)	352
33.	Electrical workers	820
34.	Machinists	5,003
35.	Moulders	147
36.	Pipe fitters and sheet metal workers	1,136
37.	Helpers to mechanics	8,355
38.	Helper apprentices	101
39.	Regular apprentices	1,602
40.	Car cleaners	1,665
41.	Other unskilled employees	4,291
42.	Unclassified labourers	3,831
43.	Stationary engineers, firemen and oilers	947
	Not distributed	-
	Total	44,676

EMPLOYEES AND T HEIR COMPENSATION

NO.	Total Days on Duty	Total Hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
1.	251,648	-	5,347,069.94	21.25	-
2.	365,850	-	3,988,320.07	10.90	-
3.	345,936	-	2,169,792.81	6.27	-
4.	440,037	-	3,610,344.25	8.20	-
5.	5,578,190	-	26,062,311.30	4.67	-
6.	76,828	-	230,287.23	2.99	-
7.	378,608	-	899,013.14	2.37	-
8.	386,932	-	1,000,209.24	2.58	-
	7,824,029	-	43,307,347.98	5.54	-
9.	201,878	-	1,167,702.07	5.78	-
10.	-	7,924,474	4,521,406.14	-	.571
11.	-	821,159	570,048.91	-	.694
12.	-	1,208,936	722,808.03	-	.598
13.	-	811,353	398,506.99	-	.491
14.	-	158,126	55,943.75	-	.354
15.	-	1,485,743	902,502.38	-	.607
16.	-	1,994,320	888,303.12	-	.445
17.	-	1,680,596	1,169,904.76	-	.696
18.	13,571	-	94,051.36	6.93	-
19.	-	16,201,900	9,328,341.36	-	.576
20.	-	49,759,683	19,771,627.76	-	.397
21.	-	45,000,950	13,520,320.76	-	.300
22.	24,068	-	168,365.98	7.00	-
23.	-	1,125,584	500,610.09	-	.445
24.	-	1,098,872	691,216.84	-	.629
	239,517	129,271,696	54,471,660.30	5.97	.410
25.	22,306	-	216,987.32	9.73	-
26.	770,185	-	5,766,213.90	7.49	-
27.	-	1,691,074	1,292,451.83	-	.764
28.	-	3,360,958	2,554,536.38	-	.760
29.	-	5,930,551	4,577,728.55	-	.772
30.	-	1,540,495	1,195,059.64	-	.776
31.	-	19,524,129	13,426,195.14	-	.688
32.	-	760,909	525,851.47	-	.691
33.	-	1,973,338	1,424,027.80	-	.722
34.	-	11,293,105	8,535,342.49	-	.756
35.	-	316,015	251,734.90	-	.797
36.	-	2,502,812	1,909,093.91	-	.763
37.	-	19,215,014	10,300,069.08	-	.536
38.	-	226,801	123,515.37	-	.545
39.	-	3,439,754	1,664,511.33	-	.484
40.	-	4,299,334	1,783,524.15	-	.415
41.	-	11,493,135	4,748,739.10	-	.413
42.	-	8,990,409	3,517,734.70	-	.391
43.	-	2,390,369	1,380,436.28	-	.577
	-	-	46,497.37	-	-
	792,491	98,948,202	65,240,250.71	7.55	.599

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and sergeants of police	163
45.	Constables and policemen	674
46.	Storekeepers	159
47.	Storemen	1,862
48.	Train despatchers and traffic supervisors	558
49.	Supervisory agents and assistants	791
50.	Station agents - Non-telegraphers (small station)	221
51.	Station agents - Telegraphers and telephoners	6,201
52.	Signalmen (non-telegraphers) at interlockers	467
53.	Foremen in freight sheds	402
54.	Freight handlers and other station employees	5,635
55.	Labourers	562
56.	Dining car and restaurant inspectors, conductors and stewards	354
57.	Dining car and restaurant helpers and attendants	2,129
58.	News agents	-
59.	Floating equipment employees	759
60.	Sleeping and parlour car inspectors and conductors	233
61.	Sleeping and parlour car porters	1,175
62.	Drawbridge operators	108
63.	Signalmen or watchmen at crossings (non interlocked)	786
64.	Yardmasters and assistants	389
65.	Switch tenders	519
66.	Hostlers	666
67.	Road passenger conductors	900
68.	Road freight conductors	2,608
69.	Road passenger brakemen, baggagemen and flagmen	2,019
70.	Road freight brakemen and flagmen	5,777
71.	Yard conductors and yard foremen	1,459
72.	Yard brakemen and helpers	3,080
73.	Road passenger engineers and motormen	1,243
74.	Road freight engineers and motormen	3,168
75.	Yard engineers and motormen	1,335
76.	Road passenger firemen and helpers	1,223
77.	Road freight firemen and helpers	3,469
78.	Yard firemen and helpers	1,353
	Total	52,447
79.	Express department	3,107
80.	Radio department	89
81.	Employees engaged in outside operations	11,568
	GRAND TOTAL	187,710
	Total number of female employees (monthly average)	7,056

EMPLOYEES AND THEIR COMPENSATION

NO.	Total Days on Duty	Total Hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
44.	52,376	-	362,421.63	6.92	-
45.	225,759	-	1,148,063.43	5.09	-
46.	51,587	-	321,147.20	6.23	-
47.	-	4,189,724	2,082,420.74	-	.497
48.	-	1,483,462	1,732,135.17	-	1.168
49.	-	2,035,257	1,605,960.55	-	.789
50.	-	504,650	229,973.21	-	.456
51.	-	16,490,096	11,899,690.69	-	.722
52.	-	1,220,259	597,597.15	-	.490
53.	-	1,033,494	721,805.78	-	.698
54.	-	12,982,520	6,749,728.88	-	.520
55.	-	1,357,435	563,739.98	-	.415
56.	-	1,107,869	693,195.74	-	.626
57.	-	6,517,948	2,195,319.34	-	.337
58.	-	-	-	-	-
59.	-	2,450,420	938,326.64	-	.383
60.	-	673,048	476,372.26	-	.708
61.	-	3,536,643	1,290,535.38	-	.365
62.	-	282,529	140,522.23	-	.497
63.	-	2,074,770	781,826.91	-	.377
64.	141,137	-	1,291,959.73	9.15	-
65.	173,207	-	830,974.98	4.80	-
66.	227,748	-	1,255,898.95	5.51	-
67.	-	2,295,445	2,628,876.95	-	1.145
68.	-	8,076,723	7,738,067.47	-	.958
69.	-	5,082,620	4,177,069.25	-	.822
70.	-	16,495,072	12,403,955.80	-	.752
71.	-	4,035,364	3,418,367.26	-	.847
72.	-	8,077,358	6,376,687.45	-	.789
73.	-	2,726,727	4,141,961.79	-	1.519
74.	-	9,654,708	10,732,077.87	-	1.112
75.	-	3,989,108	3,554,678.26	-	.891
76.	-	2,628,844	3,059,921.55	-	1.164
77.	-	9,719,542	8,145,174.87	-	.838
78.	-	4,028,440	2,796,844.92	-	.694
	871,814	134,750,075	107,083,300.01	5.98	.756
79.	984,460	-	4,454,014.17	4.52	-
80.	27,844	-	131,356.00	4.72	-
81.	-	33,794,261	13,087,386.37	-	.387
	10,740,155	396,764,234	287,775,315.54	5.63	.573

Total pay roll charged to operating expenses 264,669,151.95

52-D-22

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1929

Published by Authority of the Hon. H. H. Stevens, M.P.,
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OTTAWA

1930

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1929

The small crop of western grain in 1929 and the decrease in shipments, resulting from both the light crop and the condition of the world market coupled with depressions in other industries, had a marked effect on the business done by the Canadian railways and on the gross and net revenues earned. Gross revenues, amounting to $534,106,044, were less than the 1928 revenues by $29,626,215, or 5.3 per cent, and with operating expenses reduced by only $9,624,158, the net operating revenue was less than for 1928 by $20,002,057, or 16.5 per cent.

The heavy traffic of 1928 continued through the first part of 1929 and new high records were made each month for January - August, but when the new grain began to move, in September, traffic fell off rapidly and continued light to the end of the year, so that, from an increase at the end of August of 9 per cent, the total at the end of the year was less than for 1928 by 3 per cent.

The estimated crops of Manitoba, Saskatchewan and Alberta were as follows:

	1928 Bushels	1929 Bushels
Wheat	544,598,000	276,664,000
Oats	297,676,000	141,620,000
Barley	112,684,000	79,787,000
Rye	13,158,000	11,982,000
Flaxseed	3,519,400	1,970,000
Total	971,635,400	512,023,000

The 1929 wheat crop was only slightly over half of the 1928 crop and, after making deductions for seed, feed, loss, etc., the quantity available for shipment would be less than half of the 1928 tonnage. The large carry-over from 1928 helped to maintain the tonnage for the first eight months, but the October shipments were only about one-third of those for October, 1928, and for November they dropped to less than one-fifth. For the four months, September - December, the total tonnage of wheat loaded at Canadian stations in 1929 amounted to only 4,168,124 tons as against 11,647,153 tons in 1928 and other grains showed somewhat similar decreases. Hay and straw were also light but potatoes increased by 51,557 tons. Bituminous coal, both loaded at Canadian mines and imported, showed large increases, the total tonnage being heavier than in 1928 by 1,104,621 tons, or 8.3 per cent, and coke was also heavier. Iron ore, other ores and concentrates and base bullion and matte all showed large increases. Clay, gravel, sand and crushed stone increased by 1,235,599 tons, or 15.8 per cent, asphaltum was heavier by 109,258 tons, or 29.5 per cent, pulpwood decreased by 1,139,264 tons but paper increased by 346,215 tons, and iron, pig and bloom, and bar and sheet iron, etc. also showed substantial increases. Although the decrease in total freight carried was only 3 per cent, the decrease in ton miles was 16 per cent and passenger traffic also decreased 4 per cent in passengers carried and 8 per cent in passenger miles.

With these decreases in traffic, both gross and net railway operating revenues decreased and after paying dividends and making deductions for reserves, etc., a debit balance of $32,128,402 was carried to profit and loss as against a debit of $9,192,149 the previous year. The interest charges for the year amounted to $101,088,476 including $32,690,545 accruing on Dominion Government advances to the Canadian National System. Dividends declared amounted to $35,087,201, of which the Canadian Pacific paid $34,276.904. The Canada Southern operated by the Michigan Central, the Wabash and other United States railways operating in Canada do not declare dividends on the Canadian portions of their systems.

During the year there was a net increase in the miles of road operated of 386 miles and in total track mileage of 411 miles. A total of 477 miles of new road was opened for operation, 672 miles were completed but not opened for traffic and 552.7 miles were under construction. This was exclusive of the Hudson Bay Railway which was not open for general traffic.

There were several changes during the year; the Northern Alberta railway, which is controlled jointly by the Canadian National and the Canadian Pacific railways, was organized by the consolidation of the Alberta and Great Waterways, Central Canada, Edmonton, Dunvegan and British Columbia and Pembina Valley railways and the statistics of the constituent roads are shown for January - June and for the Northern Alberta for July - December. The Canadian National System purchased and took over the Kent Northern on September 1st, the Atlantic, Quebec and Western and Quebec Oriental railways on June 1st and the Quebec, Montreal and Southern on August 1st. Also, the Inverness railway and the St. John and Quebec, which had been operated under lease, were purchased. The Lacombe and North Western which does not appear in this year's report, was acquired by the Canadian Pacific in March, 1928. Some adjustments in the investment accounts were necessary on account of these purchases. Some of the securities which had been guaranteed by the province of Alberta for the constituent lines of the Northern Alberta Railways were assumed by the province and consequently are no longer railway liabilities. Similarly the bonds of the St. John and Quebec Railway were eliminated from the table of guaranteed bonds.

The average number of employees was 187,846, which was an increase over the 1928 average of 138, and the total pay roll amounted to $290,732,500, of which $260,903,331 was charged to operating expenses as against $287,775,315 and $264,669,151, respectively, in 1928. Employees on hourly rates of pay, other than outside operations, earned an average of 75.1 cents per hour as against an average of 75.6 cents in 1928. Changes in rates of pay and also changes in the relative number of employees at each rate affect these averages and consequently a decrease or an increase in these weighted averages does not necessarily mean a corresponding change in rates of pay.

The number of passenger train cars was increased by 131 during the year and freight cars increased by 728 in number and .9 ton in average capacity. The number of locomotives in service decreased by 138 but increased in both average and aggregate tractive power.

Locomotives consumed 9,628,711 tons of bituminous coal, 11,409 tons of anthracite coal, 63,796,548 gallons of oil and 35,683 cords of wood; converting the oil and wood to equivalent quantities of coal according to thermal values makes a total of 10,057,673 tons of coal with an average cost of $4.49 per ton. This was the lowest average cost for fuel since 1917 and was a saving of 10 cents per ton under the 1928 cost. Although there was a slight increase in the consumption per locomotive mile compared with 1928, the fuel cost per mile for each class of service was less.

During the year 20 passengers, 104 employees, 148 trespassers, 139 non-trespassers and one of the class-"postal clerk, express messenger, pullman employee, etc." were killed in train accidents and 19 persons were killed in accidents other than train accidents, making a total of 431 persons killed. The number of persons injured in train accidents was 3,144, including 406 passengers,

2,028 employees, 177 trespassers, 497 non-trespassers, 36 postal clerks, express messengers, etc. and 10,699 persons were injured in non-train accidents, the majority of which were trackmen and shopmen. The passengers killed and injured averaged approximately one killed in two million and one injured in one hundred thousand passengers carried and one killed for each 145 million passenger miles and one injured for each 71 million passenger miles. Of the total of 412 persons killed in train accidents, 128 were killed at highway crossings, including 102 persons riding in motor vehicles, 6 persons riding in other vehicles, 19 pedestrians and one employee. According to preliminary vital statistics, there were 1,294 persons killed in all classes of motor vehicle accidents in Canada during 1929 including accidents involving motor vehicles and trains. Consequently the 102 deaths caused by trains and motor vehicles colliding at level crossings constituted almost 8 per cent of the total. There were also 404 motorists injured at highway crossings but there are no statistics at present available showing the total number of persons injured in all motor vehicle accidents. There were also 52 other persons injured at highway crossings, including 6 employees, 25 pedestrians and 21 persons riding in other vehicles. Accidents at unprotected crossings were responsible for 75 per cent of the fatalities and 90 per cent of the injuries, but 3 motorists and 3 pedestrians were killed at crossings protected by gates and 16 motorists, 2 persons riding in other vehicles and 4 pedestrians were killed at crossings protected by bells, 16 of the latter being rural crossings. The number of persons injured at all protected crossings was 77, including 51 motorists, 8 persons in other vehicles, 15 pedestrians and 3 employees, 13 pedestrians being injured at crossings protected by gates. At December 31st there were 4,921 urban highway crossings, of which 1,338 were protected, and 26,418 rural highway crossings, of which 1,230 were protected. These include 224 highway crossings of Canadian railways in the United States.

The tables show statistics of the Canadian National System in Canada, separating the Eastern Lines as defined by the Maritime Freight Rates Act, and, at the bottom of the tables, data for the entire system including all lines in Canada and lines in the United States. These tables do not treat as a credit the contribution by the Dominion Government to meet the deficit of the Eastern Lines, but do include as revenue the contribution by the Dominion Government to offset differences due to the reduction in freight rates ordered by the Maritime Freight Rates Act on all railways operating in the territory affected by the Act.

17/10/30/GA

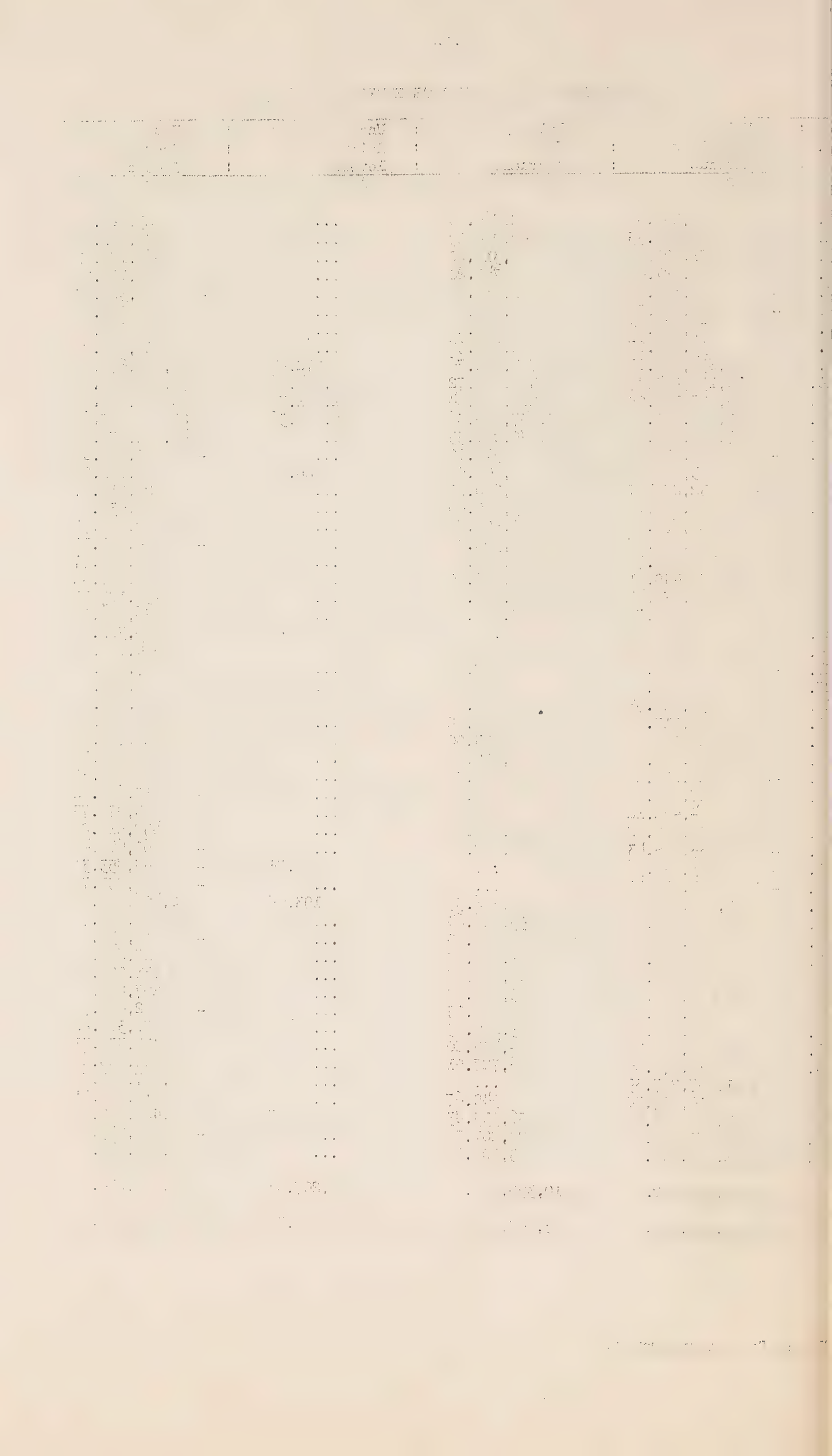
INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Name of Railway	Total Operating Revenues	Total Operating Expenses
		$	$
1.	Alberta and Great Waterways	159,466.24	131,079.6
2.	Algoma Central and Hudson Bay	2,009,835.15	1,928,689.8
3.	Algoma Eastern	1,068,044.04	596,552.7
4.	Alma and Jonquiere	95,465.86	88,938.4
5.	Atlantic, Quebec and Western	92,978.17	99,865.1
6.	Brandon, Saskatchewan and Hudson Bay	81,951.25	166,784.5
7.	British Yukon	207,692.74	128,223.8
8.	Canada and Gulf Terminal	128,520.06	97,277.7
9.	Canada Southern	25,082,685.01	15,248,455.1
10.	Canadian National	217,604,468.81	183,408,504.3
11.	Eastern Lines	30,618,007.22	33,815,382.3
12.	Total	248,222,476.03	217,223,886.6
13.	Canadian Pacific	211,635,660.97	164,304,606.5
14.	Central Canada	49,811.86	75,146.7
15.	Central Vermont	266,998.46	261,816.5
16.	Crow's Nest Southern	152,774.48	120,495.6
17.	Cumberland	220,856.07	152,219.8
18.	Dominion Atlantic	1,937,278.37	1,807,401.6
19.	Eastern British Columbia	62,664.96	64,068.9
20.	Edmonton, Dunvegan & British Columbia	792,334.20	440,328.4
21.	Esquimalt and Nanaimo	1,689,899.51	1,011,450.0
22.	Essex Terminal	470,255.51	289,976.04
23.	Fredericton & Grand Lake Coal & Railway Co.	110,630.82	70,648.07
24.	Greater Winnipeg Water District	93,613.53	97,914.95
25.	Kettle Valley	2,326,811.16	1,695,354.96
26.	Maine Central	14,098.98	18,948.08
27.	Maritime Coal Railway and Power Co.	111,367.69	76,012.53
28.	Midland Railway of Manitoba	472,238.97	418,620.44
29.	Montreal and Atlantic	1,852,181.47	1,697,465.92
30.	Morrissey, Fernie and Michel	128,726.38	107,535.73
31.	Napierville Junction	681,226.72	537,259.94
32.	Nelson and Fort Sheppard	78,978.31	107,852.51
33.	New Brunswick Coal and Railway Company	51,027.68	68,643.70
34.	NipissingCentral	207,080.29	202,615.17
35.	Northern Alberta	1,217,929.84	775,770.42
36.	Ottawa and New York	285,624.50	341,239.93
37.	Pacific Great Eastern	561,274.79	617,119.35
38.	Pembina Valley	7,950.73	14,784.44
39.	Pere Marquette	5,765,734.32	3,270,155.46
40.	Quebec Central	3,250,450.08	2,409,164.72
41.	Quebec, Montreal and Southern	304,106.11	313,041.47
42.	Quebec Oriental	126,962.27	107,549.44
43.	Quebec Railway Light and Power Company	710,848.83	524,327.78
44.	Roberval and Saguenay	509,530.14	296,556.50
45.	Rutland and Noyan	4,499.34	6,906.94
46.	St. Lawrence and Adirondack	1,013,853.61	934,227.14
47.	Sydney and Louisburg	1,679,686.59	1,219,940.46
48.	Temiscouata	366,781.89	291,003.33
49.	Temiskaming and Northern Ontario	4,956,783.82	3,649,496.23
50.	Thousand Islands	91,732.26	80,928.88
51.	Toronto, Hamilton and Buffalo	4,065,629.62	2,445,802.40
52.	Vancouver, Victoria and Eastern	707,763.74	630,538.35
53.	Wabash (in Canada)	7,923,271.21	5,812,423.16
	Total	534,106,044.63	433,077,112.54
	Canadian National (Canadian & United States)	290,496,979.95	248,632,274.71

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929

	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
..	28,386.57	2,766.00	...	25,620.57
2.	81,145.35	42,964.19	...	38,181.16
3.	471,491.31	2,318.20	...	469,173.11
4.	6,527.43	747.20	...	5,780.23
5.	- 6,886.95	1,415.33	...	- 8,302.28
6.	- 84,833.34	1,455.94	...	- 86,289.28
7.	79,468.90	8,753.10	...	70,715.80
8.	31,242.27	1,713.98	...	29,528.29
9.	9,834,229.87	783,283.76	272.41	9,050,673.70
10.	34,195,964.45	3,362,461.72	32,504.66	30,800,998.07
11.	- 3,197,375.08	284,613.64	2,161.70	- 3,484,150.42
12.	30,998,589.37	3,647,075.36	34,666.36	27,316,847.65
13.	47,331,054.41	5,089,081.53	...	42,241,972.88
14.	- 25,334.89	570.00	...	- 25,904.89
15.	5,181.90	2,104.08	26.59	3,051.23
16.	32,278.87	8,260.10	...	24,018.77
17.	68,636.21	3,000.00	...	65,636.21
18.	129,876.74	19,808.75	...	110,067.99
19.	- 1,403.97	2,993.80	...	- 4,397.77
20.	352,005.77	5,352.00	...	346,653.77
21.	678,449.51	76,542.19	...	601,907.32
22.	180,279.47	26,156.10	...	154,123.37
23.	39,982.75	3,150.00	...	36,832.75
24.	- 4,301.42	...	...	- 4,301.42
25.	631,456.20	76,689.08	...	554,767.12
26.	- 4,849.10	702.03	...	- 5,551.13
27.	35,355.16	735.89	...	34,619.27
28.	53,618.53	45,000.11	...	8,618.42
29.	154,715.55	21,694.62	...	133,020.93
30.	21,190.65	253.00	...	20,937.65
31.	143,966.78	6,800.00	...	137,166.78
32.	- 28,874.20	12,571.39	...	- 41,445.59
33.	- 17,616.02	2.10	...	- 17,618.12
34.	4,465.12	589.39	...	3,875.73
35.	442,159.42	9,647.20	...	432,512.22
36.	- 55,615.43	14,052.03	...	- 69,667.46
37.	- 55,844.56	...	8.75	- 55,853.31
38.	- 6,833.71	...	...	- 6,833.71
39.	2,495,578.86	88,786.59	193.08	2,406,599.19
40.	841,285.36	55,216.64	...	786,068.72
41.	- 8,935.36	6,800.00	...	- 15,735.36
42.	19,412.83	1,525.18	...	17,887.65
43.	186,521.05	14,615.87	...	171,905.18
44.	212,973.64	5,699.48	...	207,274.16
45.	- 2,407.60	26.93	...	- 2,434.53
46.	79,626.47	3,239.65	...	76,386.82
47.	459,746.13	4,409.80	...	455,336.33
48.	75,778.56	6,727.91	...	69,050.65
49.	1,307,287.59	...	...	1,307,287.59
50.	10,803.38	549.67	...	10,253.71
51.	1,619,827.22	156,933.83	40.77	1,462,852.62
52.	77,225.39	128,201.35	...	- 50,975.96
53.	2,110,848.05	3,705.96	...	2,107,142.09
	101,028,932.09	10,394,687.31	35,207.96	90,599,036.82
	41,864,705.24	5,442,793.63	51,813.34	36,370,098.27

te: Debit items marked (-)



INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929.

NO.	Name of Railway	Net Income from Outside Operations	Total Non-operating Income
		$	$
1.	Alberta and Great Waterways	- 1,074.57	15,658.2
2.	Algoma Central and Hudson Bay	...	220,092.6
3.	Algoma Eastern	...	38,162.3
4.	Alma and Jonquiere	...	1,021.3
5.	Atlantic, Quebec and Western	...	3,027.7
6.	Brandon, Saskatchewan and Hudson Bay	...	7,064.1
7.	British Yukon	...	15,965.0
8.	Canada and Gulf Terminal	...	5,507.5
9.	Canada Southern	...	244,073.9
10.	Canadian National	- 1,091,053.22	16,434,338.2
11.	Eastern Lines	2,478.67	334,043.2
12.	Total	- 1,088,574.55	16,768,381.5
13.	Canadian Pacific	4,478,954.57	12,495,250.5
14.	Central Canada	2,278.93	1,400.0
15.	Central Vermont	...	30,078.3
16.	Crow's Nest Southern	...	35,975.2
17.	Cumberland	...	...
18.	Dominion Atlantic	58,902.13	1,033.0
19.	Eastern British Columbia	...	4,200.0
20.	Edmonton, Dunvegan and British Columbia	4,940.78	26,535.6
21.	Esquimalt and Nanaimo	...	...
22.	Essex Terminal	...	21,506.6
23.	Fredericton & Grand Lake Coal & Railway Co.	...	...
24.	Greater Winnipeg Water District	...	8,474.0
25.	Kettle Valley	...	170,761.1
26.	Maine Central	...	141.2
27.	Maritime Coal Railway and Power Co.	...	...
28.	Midland Railway of Manitoba	...	43,457.9
29.	Montreal and Atlantic	...	1,400.00
30.	Morrissey, Fernie and Michel	...	...
31.	Napierville Junction	...	4,030.65
32.	Nelson and Fort Sheppard	...	8,493.15
33.	New Brunswick Coal and Railway Company	...	...
34.	Nipissing Central	...	155.10
35.	Northern Alberta	- 3,794.37	233,254.61
36.	Ottawa and New York	...	5,099.90
37.	Pacific Great Eastern	...	51,265.39
38.	Pembina Valley	421.71	2,534.00
39.	Pere Marquette	...	166,897.38
40.	Quebec Central	...	21,109.00
41.	Quebec, Montreal and Southern	...	78,785.61
42.	Quebec Oriental	...	2,553.49
43.	Quebec Railway Light and Power Company	...	...
44.	Roberval and Saguenay	...	6,411.59
45.	Rutland and Noyan	...	4,000.00
46.	St. Lawrence and Adirondack	...	1,288.52
47.	Sydney and Louisburg	...	...
48.	Temiscouata	...	2,727.19
49.	Temiskaming and Northern Ontario	...	36,438.54
50.	Thousand Islands	...	691.43
51.	Toronto, Hamilton and Buffalo	...	271,846.09
52.	Vancouver, Victoria and Eastern	...	361,174.43
53.	Wabash (in Canada)	...	...
	Total	3,452,054.63	31,417,924.29
	Canadian National (Canadian & United States)	- 1,088,574.55	10,579,151.47

Note: Debit items marked (-)

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929.

NO.	Gross Corporate Income	Interest on Funded and Unfunded debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$
1.	40,204.29	384,673.61	15,763.12	400,436.73	- 360,232.44
2.	258,273.85	504,000.00	256,565.00	760,565.00	- 502,291.15
3.	507,335.49	111,325.00	136,408.07	247,733.07	259,602.42
4.	6,801.57	...	5,706.30	5,706.30	1,095.27
5.	- 5,274.54	95,805.73	13,855.80	109,661.53	- 114,936.07
6.	- 79,225.17	...	13,231.88	13,231.88	- 92,457.05
7.	86,680.80	85,995.52	...	85,995.52	685.28
8.	35,035.80	57,000.00	8,550.00	65,550.00	- 30,514.20
9.	9,294,747.60	...	3,239,529.58	3,239,529.58	6,055,218.02
10.	46,144,283.08	79,168,595.66	7,909,681.59	87,078,277.25	- 40,933,994.17
11.	- 3,147,628.48	1,045,230.46	972,396.70	2,017,627.16	- 5,165,255.64
12.	42,996,654.60	80,213,826.12	8,882,078.29	89,095,904.41	- 46,099,249.81
13.	59,216,177.99	13,389,117.67	3,599,298.99	16,988,416.66	42,227,761.33
14.	- 22,225.87	103,124.78	17,079.17	120,203.95	- 142,429.82
15.	33,129.59	49,989.50	17,770.15	67,759.65	- 34,630.06
16.	59,994.02	...	23,933.20	23,933.20	36,060.82
17.	65,636.21	...	4,386.93	4,386.93	61,249.28
18.	170,003.17	239,926.67	227,492.22	467,418.89	- 297,415.72
19.	- 197.77	...	4,918.54	4,918.54	- 5,116.31
20.	378,130.16	410,357.78	70,154.24	480,512.02	- 102,381.86
21.	601,907.32	289,740.19	133,964.14	423,704.33	178,202.99
22.	175,630.01	21,000.00	...	21,000.00	154,630.01
23.	36,832.75	...	63,809.05	63,809.05	- 26,976.30
24.	4,172.58	...	4,291.41	4,291.41	- 118.83
25.	725,528.22	623,400.00	185,803.96	809,203.96	- 83,675.74
26.	- 5,409.93	2,865.84	186.82	3,052.66	- 8,462.59
27.	34,619.27	27,900.00	8,203.00	36,103.00	- 1,483.73
28.	52,076.34	...	133,512.01	133,512.01	- 81,435.67
29.	134,420.93	52,650.00	71,596.96	124,246.96	10,173.97
30.	20,937.65	...	508.43	508.43	20,429.22
31.	141,197.43	7.49	69,732.27	69,739.76	71,457.67
32.	- 32,952.44	...	8,168.34	8,168.34	- 41,120.78
33.	- 17,618.12	...	8,899.32	8,899.32	- 26,517.44
34.	4,030.83	...	16,548.69	16,548.69	- 12,517.86
35.	661,972.46	559,293.72	106,390.31	665,684.03	- 3,711.57
36.	- 64,567.56	...	74,575.11	74,575.11	- 139,142.67
37.	- 4,587.92	2,635,080.74	128,592.64	2,763,673.38	- 2,768,261.30
38.	- 3,878.00	...	3,249.64	3,249.64	- 7,127.64
39.	2,573,496.57	135,000.00	1,362,447.96	1,497,447.96	1,076,048.61
40.	807,177.72	315,960.92	120,210.93	436,171.85	371,005.87
41.	63,050.25	103,348.19	3,603.16	106,951.35	- 43,901.10
42.	20,441.14	43,241.55	9,844.36	53,085.91	- 32,644.77
43.	171,905.18	...	...	...	171,905.18
44.	213,685.75	138,118.93	6,596.29	144,715.22	68,970.53
45.	1,565.47	4,000.00	28.01	4,028.01	- 2,462.54
46.	77,675.34	49,007.55	243,631.66	292,639.21	- 214,963.87
47.	455,336.33	...	26,761.12	26,761.12	428,575.21
48.	71,777.84	40,516.39	21,261.45	61,777.84	10,000.00
49.	1,343,726.13	179,587.44	184,165.51	363,752.95	979,973.18
50.	10,945.14	...	2,408.30	2,408.30	8,536.84
51.	1,734,698.71	222,615.61	70,853.94	293,469.55	1,441,229.16
52.	310,198.47	...	265,744.93	265,744.93	44,453.54
53.	2,107,142.09	...	517,914.07	517,914.07	1,589,228.02
	125,469,015.74	101,088,476.94	20,390,225.27	121,478,702.21	3,990,313.53
	45,860,675.19	81,018,199.11	10,941,725.89	91,959,925.00	- 46,099,249.81

Note: Debit items marked (-)

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Alberta and Great Waterways	...	344	...
2.	Algoma Central and Hudson Bay	323.84	300,634	114
3.	Algoma Eastern	88.52	69,732	416
4.	Alma and Jonquiere	10.60	...	...
5.	Atlantic, Quebec and Western	...	18,036	21,915
6.	Brandon, Saskatchewan & Hudson Bay	84.75	18,102	53,037
7.	British Yukon	90.32	...	6,410
8.	Canada and Gulf Terminal	38.10	...	...
9.	Canada Southern	381.04	1,896,488	2,572,864
10.	Canadian National	18,231.00	24,302,790	19,260,665
11.	Eastern Lines	3,332.54	4,124,299	3,559,397
12.	Total	21,563.54	28,427,089	22,820,062
13.	Canadian Pacific	14,812.00	24,996,216	20,145,028
14.	Central Canada	...	14,028	10,296
15.	Central Vermont	25.33	29,720	75,392
16.	Crow's Nest Southern	53.32	21,195	7,332
17.	Cumberland	31.29	3,150	478
18.	Detroit River Tunnel	3.26	...	...
19.	Dominion Atlantic	304.54	156,404	291,555
20.	Eastern British Columbia	13.04	...	...
21.	Edmonton, Dunvegan & British Columbia	...	103,886	47,460
22.	Esquimalt and Nanaimo	209.70	201,186	176,463
23.	Essex Terminal	21.44	19,958	...
24.	Fredericton & Grand Lake Coal & Railway Co.	31.10	...	...
25.	Greater Winnipeg Water District	92.00	...	...
26.	International Bridge and Terminal Co.	1.06	...	...
27.	Kettle Valley	404.66	263,628	221,527
28.	Maine Central	5.10	2,099	10
29.	Maritime Coal Railway & Power Company	16.40	6,675	...
30.	Midland Railway of Manitoba	75.76	49,044	97,555
31.	Montreal and Atlantic	184.60	312,148	305,776
32.	Morrissey, Fernie and Michel	5.37	...	...
33.	Napierville Junction	43.04	34,278	124,938
34.	Nelson and Fort Sheppard	60.79	18,383	7,815
35.	New Brunswick Coal and Railway Co.	59.20	...	...
36.	Nipissing Central	59.74	1,476	45,379
37.	Northern Alberta	862.03	139,189	59,070
38.	Ottawa and New York	58.77	36,911	77,220
39.	Pacific Great Eastern	348.10	32,743	9,850
40.	Pembina Valley	...	...	...
41.	Pere Marquette	336.88	992,750	138,023
42.	Quebec Central	357.82	249,348	313,180
43.	Quebec, Montreal and Southern	...	16,721	26,041
44.	Quebec Oriental	...	24,571	23,314
45.	Quebec Railway Light and Power Co.	25.55	35,028	18,889
46.	Roberval and Saguenay	41.82	30,396	23,203
47.	Rutland and Noyan	3.36	1,587	...
48.	St. Lawrence and Adirondack	60.26	76,200	180,006
49.	Sydney and Louisburg	76.53	125,719	31,962
50.	Temiscouata	113.00	41,614	50,706
51.	Temiskaming and Northern Ontario	388.50	616,304	628,865
52.	Thousand Islands	6.92	4,132	31,548
53.	Toronto, Hamilton and Buffalo	111.03	161,546	169,929
54.	Van Buren Bridge Company	.36	...	...
55.	Vancouver, Victoria and Eastern	250.97	31,661	79,498
56.	Wabash(in Canada)	245.40	1,691,354	183,332
	Total	42,380.75	61,271,673	49,076,458
	Canadian National (Can. & U.S.)	22,903.90	33,009,191	25,322,559

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
	# Freight	# Passenger			
1.	17,814	5,482	...	23,640	1,530
2.	139,165	45,160	356	485,429	71,606
3.	26,140	28,148	1,122	125,558	...
4.	...	...	...	...	...
5.	...	...	...	39,951	1,144
6.	...	...	276	71,415	649
7.	22,930	14,054	221	43,615	1,910
8.	11,128	6,676	...	17,804	...
9.	74,537	12,937	...	4,556,826	67,515
10.	2,096,051	461,044	27,617	46,148,167	2,519,542
11.	699,545	244,383	1,979	8,629,603	292,599
12.	2,795,596	705,427	29,596	54,777,770	2,812,141
13.	1,885,327	405,891	32,190	47,464,652	1,360,138
14.	...	...	...	24,324	198
15.	...	...	25	105,137	...
16.	...	...	52	28,579	538
17.	18,922	7,358	...	29,908	...
18.	...	...	...	...	...
19.	140,815	29,190	605	618,569	25,440
20.	6,806	1,094	1,688	9,588	25
21.	2,021	415	...	153,782	1,390
22.	...	...	82	377,731	9,104
23.	...	...	...	19,958	...
24.	20,239	2,413	...	22,652	...
25.	...	...	...	...	...
26.	...	...	...	...	...
27.	19,036	2,492	420	507,103	37,518
28.	3,160	986	...	6,255	...
29.	15,084	5,028	...	26,787	...
30.	...	...	...	146,599	132
31.	...	...	390	618,314	8,241
32.	24,659	7,500	...	32,159	...
33.	...	...	...	159,216	2,371
34.	...	...	...	26,198	1,838
35.	24,441	10,986	...	35,427	...
36.	25,005	1,690	72	73,622	4,992
37.	21,872	7,103	3,585	230,819	4,772
38.	...	...	...	114,131	3,997
39.	46,718	21,235	818	111,364	....
40.	2,051	653	.	2,704	...
41.	89,870	30,322	...	1,250,965	7,385
42.	144,343	51,595	...	758,466	3,149
43.	30,709	6,564	...	80,035	1,496
44.	...	...	...	47,885	900
45.	794	706	...	55,417	1,080
46.	12,736	5,771	45	72,151	9
47.	...	...	...	1,587	...
48.	...	...	165	256,374	4,561
49.	15,369	4,853	10,550	188,453	...
50.	11,784	8,248	...	112,352	8,622
51.	52,846	19,398	2,520	1,3[illegible],933	36,615
52.	...	...	...	35,680	6,600
53.	17,037	4,788	...	353,300	12,593
54.	...	...	...	...	...
55.	30,874	8,652	118	150,803	10,062
56.	...	...	...	1,874,686	...
	5,749,828	1,462,815	84,896	117,645,670	4,510,261
	2,894,884	742,290	35,493	62,004,417	2,894,242

Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1929.

NO.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	26,181	2,819,844
2.	Algoma Central and Hudson Bay	689,010	152,787,314
3.	Algoma Eastern	2,400,166	33,291,416
4.	Alma and Jonquiere	108,268	...
5.	Atlantic, Quebec and Western	60,828	2,272,733
6.	Brandon, Saskatchewan and Hudson Bay	24,628	864,666
7.	British Yukon	17,810	1,479,384
8.	Canada and Gulf Terminal	73,623	1,343,903
9.	Canada Southern	9,519,358	1,260,939,749
10.	Canadian National	48,113,990	14,620,471,248
11.	Eastern Lines	7,224,675	2,019,812,433
12.	Total	55,338,665	16,640,283,681
13.	Canadian Pacific	38,221,961	14,565,275,970
14.	Central Canada	29,975	2,281,877
15.	Central Vermont	513,912	14,255,746
16.	Crow's Nest Southern	276,220	14,451,096
17.	Cumberland	581,494	3,460,946
18.	Dominion Atlantic	428,812	31,756,051
19.	Eastern British Columbia	139,943	1,713,308
20.	Edmonton, Dunvegan and British Columbia	189,731	41,739,469
21.	Esquimalt and Nanaimo	1,600,009	46,399,080
22.	Essex Terminal	32,113	321,130
23.	Fredericton & Grand Lake Coal & Railway Co.	127,752	3,952,262
24.	Greater Winnipeg Water Distr ict	137,798	...
25.	Kettle Valley	1,613,326	118,204,993
26.	Maine Central	134,968	688,337
27.	Maritime Coal Railway and Power Company	169,251	1,643,352
28.	Midland Railway of Manitoba	149,451	11,153,958
29.	Montreal and Atlantic	1,633,112	84,416,271
30.	Morrissey, Fernie and Michel	423,472	2,269,415
31.	Napierville Junction	705,833	19,539,437
32.	Nelson and Fort Sheppard	46,671	1,982,816
33.	New Brunswick Coal and Railway Company	151,858	1,105,221
34.	Nipissing Central	112,461	2,764,533
35.	Northern Alberta	259,441	60,346,117
36.	Ottawa and New York	197,739	9,903,767
37.	Pacific Great Eastern	100,195	6,080,635
38.	Pembina Valley	7,944	182,906
39.	Pere Marquette	3,098,571	462,361,302
40.	Quebec Central	1,499,024	99,469,482
41.	Quebec, Montreal and Southern	278,943	11,518,388
42.	Quebec Oriental	54,817	3,749,176
43.	Quebec Railway Light and Power Company	409,491	6,096,822
44.	Roberval and Saguenay	517,721	8,602,821
45.	Rutland and Noyan	93,328	313,582
46.	St. Lawrence and Adirondack	1,128,287	36,441,052
47.	Sydney and Louisburg	5,197,055	65,811,505
48.	Temiscouata	269,837	6,404,258
49.	Temiskaming and Northern Ontario	1,393,446	257,212,372
50.	Thousand Islands	(x)	438,458
51.	Toronto, Hamilton and Buffalo	3,623,292	133,313,917
52.	Vancouver, Victoria and Eastern	384,951	12,383,516
53.	Wabash (in Canada)	3,662,409	779,807,399
	Total	137,855,151	35,025,895,433
	Canadian National (Canadian & United States)	68,479,553	19,375,522,129

(x) Included in Canadian National Railways.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1929.

NO.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
			Freight Loaded	Freight Empty	
1.	8,067	689,099	211,083	114,701	100,137
2.	49,992	3,052,420	4,074,207	2,502,006	548,605
3.	28,866	1,067,132	752,163	568,329	155,380
4.	...	...	...	...	...
5.	18,318	534,950	107,726	37,777	101,117
6.	18,424	624,900	67,767	42,287	109,004
7.	17,937	860,735	147,970	67,581	161,888
8.	44,810	760,878	78,461	42,119	18,866
9.	1,467,880	189,399,480	78,815,291	48,112,530	27,566,343
10.	14,938,227	1,082,223,259	684,690,495	303,480,042	145,282,328
11.	3,856,219	225,515,030	97,032,041	30,573,802	27,710,557
12.	18,794,446	1,307,738,289	781,722,536	334,053,844	172,992,885
13.	12,639,633	1,200,405,367	634,834,020	278,704,015	156,458,054
14.	11,445	431,768	126,543	52,809	48,411
15.	154,621	3,519,165	629,864	341,806	492,774
16.	4,228	141,461	324,212	298,995	14,918
17.	29,423	314,571	130,904	130,904	55,793
18.	362,701	14,893,670	2,568,557	1,213,133	2,119,895
19.	3,105	37,532	43,599	40,235	7,900
20.	41,107	4,982,701	2,197,410	978,493	524,280
21.	116,602	4,018,519	1,827,869	1,389,187	729,600
22.	...	...	213,535	185,625	...
23.	10,221	229,732	144,380	71,103	25,696
24.	9,395	505,254	...	...	...
25.	67,514	7,938,727	3,897,874	985,137	1,089,185
26.	4,380	22,338	28,802	17,648	7,404
27.	9,842	76,810	42,198	41,712	30,068
28.	49,387	2,804,148	641,099	545,656	699,117
29.	305,147	8,740,256	5,027,949	1,911,357	1,139,552
30.	93,300	501,021	61,645	61,645	7,500
31.	251,672	9,638,154	641,427	468,930	890,226
32.	9,865	227,623	81,285	45,852	12,356
33.	13,527	280,254	60,998	22,550	37,556
34.	64,444	2,069,607	207,097	86,320	240,943
35.	52,855	7,449,939	3,064,137	1,565,316	788,939
36.	92,018	2,412,013	384,836	395,120	238,822
37.	36,118	2,053,735	452,549	265,587	269,843
38.	1,421	31,291	10,656	4,000	5,408
39.	67,260	1,284,814	26,175,259	15,327,486	589,867
40.	538,878	20,178,525	4,418,832	2,384,168	1,939,617
41.	69,395	1,887,296	512,634	413,306	205,649
42.	15,674	777,474	177,202	46,090	100,478
43.	1,470,041	14,712,269	275,569	191,167	# 106,519
44.	25,692	435,471	268,499	171,905	93,634
45.	...	...	11,415	5,947	...
46.	684,077	13,663,458	1,328,170	1,277,821	822,687
47.	108,620	1,234,447	2,806,436	2,722,350	192,746
48.	41,878	1,235,648	359,334	236,805	194,236
49.	542,049	37,045,787	11,833,900	6,195,756	4,406,405
50.	14,964	107,741	21,492	6,600	31,548
51.	454,324	16,192,931	4,181,251	2,673,902	1,237,185
52.	122,805	3,790,799	620,652	381,356	498,718
53.	32,525	6,214,618	46,460,044	25,804,409	1,350,251
	39,070,893	2,897,214,817	1,623,071,278	733,203,377	379,458,005
	19,442,799	1,401,136,144	917,901,141	407,487,111	190,386,764

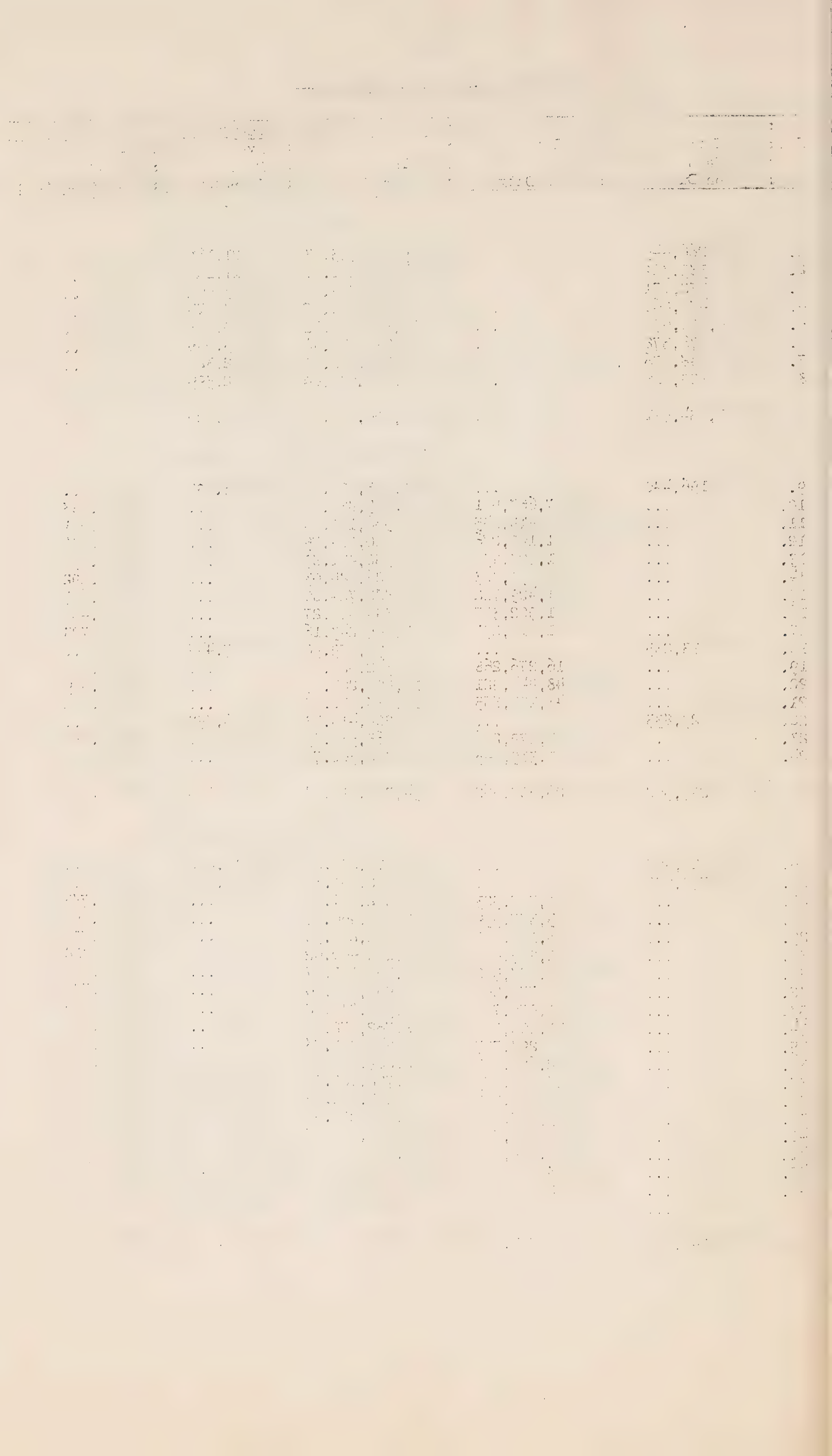
- Exclusive of 437,338 electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

NO.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, general officers and assistants	889
2.	Division officers	1,187
3.	Assistant engineers and draftsmen	1,213
4.	Other miscellaneous officials	1,538
5.	Clerks	18,232
6.	Telephone switchboard operators	246
7.	Office boys, messengers, attendants and misc. trades workers	1,248
8.	Janitors and cleaners	1,439
	Total	25,997
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and building department foremen	611
10.	Carpenters and bridgemen	3,156
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths and pump repairers	309
12.	Masons, bricklayers, plasterers and painters	539
13.	Helpers, B. and B. department	456
14.	Apprentices, B. and B. department	42
15.	Pile driver, ditching, hoist and steam shovel employees	457
16.	Pumpmen	720
17.	Extra gang and snow plough foremen	552
18.	Signal foremen	41
19.	Section foremen	6,268
20.	Sectionmen	19,365
21.	Labourers	15,590
22.	Foremen, linemen	105
23.	Telegraph and telephone linemen and groundmen	362
24.	Signal and interlocker maintainers and repairmen	505
	Total	49,078
	MAINTENANCE OF EQUIPMENT	
25.	General foremen	64
26.	Department and gang foremen	2,392
27.	Blacksmiths	789
28.	Boilermakers	1,496
29.	Carmen (a)	2,847
30.	Carmen (b)	706
31.	Carmen (c)	8,163
32.	Carmen (d)	365
33.	Electrical workers	833
34.	Machinists	4,998
35.	Moulders	142
36.	Pipe fitters, and sheet metal workers	1,193
37.	Helpers to mechanics	8,373
38.	Helper apprentices	112
39.	Regular apprentices	1,626
40.	Car cleaners	1,702
41.	Other unskilled employees	4,259
42.	Unclassified labourers	3,688
43.	Stationary engineers, firemen and oilers	929
	Not distributed	...
	Total	44,677

EMPLOYEES AND THEIR COMPENSATION

	Total Days on Duty	Total Hours on Duty	Compensation		
			Total for Year	Average Daily Compensation	Average Hourly Compensation
			$	$	$
.	266,445	...	5,691,793.63	21.362	..
.	385,322	...	4,279,176.86	11.105	..
.	372,171	...	2,229,874.64	5.992	..
.	470,266	...	3,985,486.47	8.475	..
.	5,606,558	...	26,367,788.71	4.703	..
.	76,578	...	232,416.32	3.035	...
.	388,076	...	902,611.39	2.326	..
.	389,125	...	1,011,484.89	2.599	..
	7,954,541	...	44,700,632.91	5.620	..
.	196,440	...	1,158,804.45	5.899	..
0.	...	7,667,671	4,505,852.11	...	.588
1.	...	819,145	566,101.83	...	.691
2.	...	1,190,276	760,004.75	...	.639
3.	...	1,123,436	552,411.89	...	.492
4.	...	90,803	26,484.03	...	.292
5.	...	1,429,712	882,724.00	...	.617
6.	...	1,902,377	884,888.27	...	.465
7.	...	1,611,237	1,165,243.16	...	.723
8.	13,235	...	98,579.90	7.448	..
9.	...	16,276,268	9,542,423.14	...	.586
0.	...	48,944,921	19,999,204.05	...	.409
..	...	43,133,885	13,038,138.15	...	.302
2.	29,833	...	204,418.33	6,852	..
3.	...	1,179,286	565,535.33	...	.480
4.	...	1,319,645	842,500.78	...	.638
	239,508	126,688,662	54,793,314.17	6.103	.421
5.	20,492	...	210,204.23	10.258	..
.	778,039	...	6,012,851.30	7.728	..
7.	...	1,727,523	1,352,157.30	...	.783
8.	...	3,377,554	2,685,460.55	...	.795
9.	...	6,156,717	4,902,298.55	...	.796
0.	...	1,475,492	1,198,460.02	...	.812
.	...	18,857,562	13,569,097.77	...	.720
.	...	773,669	560,783.00	...	.725
.	...	1,978,704	1,502,049.62	...	.759
.	...	11,100,334	8,762,872.66	...	.789
5.	...	298,707	247,303.78	...	.828
.	...	2,622,805	2,069,940.27	...	.789
.	...	18,970,079	10,722,809.99	...	.565
.	...	250,262	141,451.39	...	.565
.	...	3,417,210	1,637,218.44	...	.479
.	...	4,430,879	1,890,948.67	...	.427
.	...	11,379,754	4,770,633.11	...	.419
.	...	8,570,628	3,423,564.82	...	.399
.	...	2,394,017	1,356,943.88	...	.567
	...	...	47,194.58	...	..
	798,531	97,781,896	67,064,243.93	7.793	.622



EMPLOYEES AND THEIR COMPENSATION

NO.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and sergeants of police	165
45.	Constables and policemen	691
46.	Storekeepers	155
47.	Storemen	1,941
48.	Train despatchers and traffic supervisors	558
49.	Supervisory agents and assistants	766
50.	Station agents - non-telegraphers (small stations)	215
51.	Station agents - telegraphers and telephoners	6,146
52.	Signalmen (non-telegraphers) at interlockers	445
53.	Foremen in freight sheds	406
54.	Freight handlers and other station employees	5,675
55.	Labourers	532
56.	Dining car and restaurant inspectors, conductors and stewards	356
57.	Dining car and restaurant helpers and attendants	2,190
58.	News agents	...
59.	Floating equipment employees	702
60.	Sleeping and parlour car inspectors and conductors	244
61.	Sleeping and parlour car porters	1,238
62.	Drawbridge operators	107
63.	Signalmen or watchmen at crossings (non-interlocked)	778
64.	Yardmasters and assistants	460
65.	Switch tenders	487
66.	Hostlers	645
67.	Road passenger conductors	883
68.	Road freight conductors	2,390
69.	Road passenger brakemen, baggagemen and flagmen	2,018
70.	Road freight brakemen and flagmen	5,309
71.	Yard conductors and yard foremen	1,484
72.	Yard brakemen and helpers	3,109
73.	Road passenger engineers and motormen	1,218
74.	Road freight engineers and motormen	2,989
75.	Yard engineers and motormen	1,366
76.	Road passenger firemen and helpers	1,216
77.	Road freight firemen and helpers	3,293
78.	Yard firemen and helpers	1,387
	Total	51,564
79.	Express department	3,134
80.	Radio department	98
81.	Employees engaged in outside operations	13,298
	GRAND TOTAL	187,846
	Total number of female employees (monthly average)	7,718

EMPLOYEES AND THEIR COMPENSATION

Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
		$	$	$
52,730	...	366,431.05	6.949	..
230,381	...	1,181,709.23	5.129	..
51,046	...	316,110.51	6.193	..
...	4,381,012	2,181,649.08	...	.498
...	1,465,431	1,775,704.74	...	1.212
...	1,954,981	1,573,339.32	...	.805
...	535,999	231,932.67	...	.433
...	16,306,132	11,789,764.14	...	.723
...	1,162,145	594,221.95	...	.511
...	1,043,304	719,470.30	...	.690
...	13,197,058	6,640,722.04	...	.503
...	1,273,952	535,818.38	...	.421
...	1,121,430	708,821.45	...	.632
...	6,791,453	2,320,009.87	...	.342
...	...	...	...	..
...	2,459,201	949,345.81	...	.386
...	711,133	495,326.02	...	.697
...	3,692,355	1,372,424.08	...	.372
...	274,675	141,642.81	...	.516
...	2,074,879	803,597.07	...	.387
146,257	...	1,331,206.39	9.102	..
168,018	...	803,154.46	4.780	..
221,399	...	1,220,427.44	5.512	..
...	2,351,050	2,675,460.24	...	1.138
...	7,318,902	7,045,892.52	...	.963
...	5,163,717	4,326,025.97	...	.838
...	14,939,121	11,297,425.41	...	.756
...	4,020,077	3,427,085.07	...	.852
...	7,948,119	6,260,972.30	...	.788
...	2,727,094	4,119,922.78	...	1.511
...	8,921,664	9,854,437.70	...	1.105
...	4,042,960	3,597,959.69	...	.890
...	2,630,954	3,051,634.99	...	1.160
...	8,961,443	7,410,235.40	...	.827
...	4,060,295	2,817,521.98	...	.694
869,831	131,530,536	103,937,402.86	6.000	.751
976,316	...	5,140,707.85	5.265	..
30,416	...	142,106.00	4.672	..
...	35,831,376	14,954,093.19	...	.417
10,869,143	391,832,470	290,732,500.91	5.786	.581

al pay roll charged to operating expenses 260,903,331.66

TRANS. & PUB.-UTIL. FILE "S"
1925-1930

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1930

+ + +

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

+ + +

OTTAWA

1931

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1930

The industrial depression affected the revenues of the railways in 1930 just as forcibly as those of other industries, but the railways were not able to curtail expenses quickly and extensively and, consequently, their net operating revenues showed a much greater rate of decrease than their gross revenues. Gross revenues amounted to $454,231,650 which was a decrease from 1929 of $79,874,395, or 15 per cent, and from 1928 of $109,500,610, or 19.4 per cent. Operating expenses were reduced from $433,077,113 in 1929 to $380,723,411 and the net operating revenues amounted to $73,508,239. This was a decrease from 1929 net revenues of $27,520,694, or 27 per cent, and from 1928 net revenues of $47,522,751, or 39 per cent. After paying taxes, all rental, interest and other income charges, the net corporate income of all Canadian railways showed a debit of $27,640,229, as against credits in 1929 of $3,975,146 and in 1928 of $25,430,848.

The western grain crop was considerably heavier in 1930 than in 1929 and although the total tonnage of wheat loaded up to July 31 was only 63 per cent of the 1929 shipments, gains were made in subsequent months so that at the end of the year total wheat tonnage loaded was only 8 per cent down. Oats, barley and rye shipments, however, did not show any effect of the larger crop and the total tonnage of all grains handled amounted to 12,713,204 tons, as against 14,541,730 tons in 1929, which was a decrease of 12.5 per cent. Live stock, dressed meats, wool, hides and leather, other packing house products, and other animal products showed decreases, eggs being the only commodity in the animal products group to show an increase. Bituminous coal showed a decrease of 2,217,041 tons due to decreased loadings in Canada and to decreased imports. Anthracite and lignite coal and coke also showed large decreases and clay, gravel, sand and crushed stone decreased by 1,380,011 tons, or 15 per cent. Tonnage of asphalt also showed a decrease of 41 per cent, or from 480,541 tons in 1929 to 281,450 tons. The decrease in forest products amounted to 2,924,507 tons, or 19 per cent. The tonnage of refined petroleum and its products which is largely gasolene showed only a slight decrease, but motor vehicles, including parts, decreased from 2,599,309 tons in 1929 to 1,666,866 tons; the in-transit freight through Canada accounted for 70 per cent of this decrease. Bar and sheet iron, structural iron and iron pipe tonnage was lighter than in 1929 by 866,957, or 36 per cent.

Passenger traffic was also light, amounting to 34,698,767 passengers carried and 2,422,874,877 passenger miles, which was a decrease in passenger miles of 22.8 per cent.

The net increase in mileage was 665.49 miles, including 9.95 miles in Prince Edward Island and 66.26 miles in Ontario made up of 53.8 miles extension of the Temiskaming and Northern Ontario on the line to James Bay and minor reclassifications on the Canadian National. In Manitoba 125.82 miles were added not including the Hudson Bay Railway which has not been opened for regular traffic, but including the line to the Flin Flon and Sherritt Gordon mines. The largest addition was in Saskatchewan where the Canadian National opened to traffic 223.06 miles of new branch lines and the Canadian Pacific opened 176.90 miles, the net increase with minor realignments being 404.80 miles. In Alberta 63.95 miles were added and in the other provinces there were small decreases.

The total investment in railways as at December 31 amounted to $3,243,222,280, or a net increase over the 1929 figure of $89,871,722. The actual expenditure during the year was $24,965,375 on new lines and $77,056,393 on additions and betterments, making a total of $102,021,768. The largest item deducted from total investment was $18,180,692.33 in the Canadian National Railway statement. This consisted of Canadian Northern and Grand Trunk Pacific lines from which the rails were lifted during the war for use in France and other pieces of track and facilities of the constituent lines of the Canadian National system which were not necessary after the consolidation of the lines. These amounts have been held in suspense accounts, some as far back as 1917, and adjustments were made in the 1930 accounts. There were also smaller deductions made for lines abandoned by other railways.

The number of employees each month averaged 174,485 which was a decrease from the 1929 average of 13,361. The pay roll amounted to $268,347,374, including $251,540,129 chargeable to operating expenses and $16,807,245 chargeable to capital account. This was a total decrease of $22,385,126 including a decrease in the operating expense pay roll of $9,363,202 and in the construction pay roll of $13,021,924. The average pay per day for all employees on daily and monthly rates showed an increase from $5.786 per day in 1929 to $5.863 in 1930, the only classes to show a decrease being the telephone and switchboard operators, inspectors and sergeants of police, hostlers, express department and radio department employees. For all employees on hourly rates the average was 59.5 cents as against 58.1 cents in 1929. There were four classes with a decrease of a tenth of a cent per hour and six classes with decreases from three-tenths to nineteen-tenths of a cent per hour, the largest decrease being for floating equipment employees where the average rates were 38.6 cents in 1929 and 36.7 cents in 1930.

Although the total number of freight cars in service was less than in 1929 by 2,729, all classes showed considerably higher average capacities, especially box cars, the total capacity of all cars increasing by 134,665 tons. The average capacity of box cars increased from 37,711 tons in 1929 to 39,007 tons, or by 3.4 per cent. Locomotives also increased in tractive effort from an average of 36,201 pounds in 1929 to 36,883 pounds, but the number in service decreased from 5,531 to 5,451.

Fuel consumed by locomotives cost $38,419,360 as against $45,185,162 in 1929 due to both lower average costs and a smaller consumption. The average cost was $4.43 per ton, or 6 cents less than in 1929, and freight locomotives ran 100 miles at a fuel cost of $35.34, or $1.23 less than in 1929 and $7.28 less than in 1925. Bituminous coal consumed amounted to 8,251,167 tons, anthracite coal amounted to 7,062 tons, wood to 28,560 cords and oil to 62,215,069 gallons which, converted into equivalent tons of coal, was a total of 8,666,490 tons. This was exclusive of 222,343 gallons of oil and 212,112 gallons of gasolene consumed by rail motor cars.

During the year 15 passengers were killed and 488 injured in train accidents and 60 passengers were injured in other than train accidents. This was a decrease of 5 passengers killed and an increase of 82 injured in train accidents. There were 81 employees killed in train accidents as against 104 in 1929 and 1,477 employees injured, which was a decrease of 551. There was also a decrease in the total number of persons injured in non-train accidents from 10,699 in 1929 to 8,371, but the number of persons killed in this class of railway accident increased from 19 in 1929 to 38, including 14 trackmen and 15 other persons. Accidents at highway crossings which are included in train accidents were responsible for 113 persons killed including 94 motorists, 13 pedestrians, 1 trainman and 5 persons riding in vehicles other than automobiles. This was a decrease of 15 in the total, made up of 6 pedestrians, 8 motorists and one riding in other vehicle. The number of persons injured at highway crossings was 414 which was a decrease from 1929 of 42. There were 366 motorists injured, or 38 less than in the previous year, and 15 pedestrians, or 10 less than in 1929. Of the 94 motorists killed, 11 were killed in accidents at crossings protected by gates and 19 at crossings protected by electric bells. At unprotected crossings 64 motorists were killed, 3 at urban crossings and 61 at rural crossings. This was a decrease at unprotected crossings of 19 killed but an increase at protected crossings of 11. Motorists injured at protected crossings also showed an increase of 11 and a decrease at unprotected crossings of 49.

7/11/31/GA

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	Name of Railway	Total Operating Revenues $	Total Operating Expenses $
1.	Algoma Central and Hudson Bay	1,799,794.27	1,741,293.30
2.	Algoma Eastern	763,499.43	393,241.96
3.	Alma and Jonquiere	81,036.86	75,023.01
4.	Brandon, Saskatchewan and Hudson Bay	80,657.68	147,254.97
5.	British Yukon	169,627.43	121,794.03
6.	Canada and Gulf Terminal	126,281.02	93,721.90
7.	Canada Southern	19,108,554.15	12,615,200.80
8.	Canadian National	184,848,027.55	163,473,541.80
9.	Eastern Lines	28,598,553.45	33,028,515.65
10.	Total	213,446,581.00	196,502,057.45
11.	Canadian Pacific	180,022,386.64	138,523,657.08
12.	Receivers of Central Vermont Ry. Co.	17,034.04	22,006.07
13.	Central Vermont Railway, Inc.	206,572.00	208,773.89
14.	Crow's Nest Southern	47,036.56	85,088.75
15.	Cumberland	213,643.66	142,152.41
16.	Dominion Atlantic	1,920,006.66	1,807,656.23
17.	Eastern British Columbia	76,701.49	68,866.28
18.	Esquimalt and Nanaimo	1,315,782.00	890,545.47
19.	Essex Terminal	316,935.57	208,577.26
20.	Fredericton & Grand Lake Coal & Railway Co.	111,895.25	76,134.87
21.	Greater Winnipeg Water District	89,586.66	97,208.56
22.	Kettle Valley	2,130,772.15	1,620,739.48
23.	Maine Central	15,554.33	18,546.50
24.	Maritime Coal,Railway and Power Co.	113,083.72	76,305.16
25.	Midland Railway of Manitoba	360,950.47	386,985.29
26.	Montreal and Atlantic	1,611,794.16	1,621,009.04
27.	Morrissey, Fernie and Michel	85,581.48	85,073.24
28.	Napierville Junction	676,333.43	377,119.50
29.	Nelson and Fort Sheppard	56,793.27	82,189.39
30.	New Brunswick Coal and Railway Co.	56,438.64	87,371.59
31.	Nipissing Central	215,425.27	195,290.62
32.	Northern Alberta	2,253,739.27	1,952,389.70
33.	Ottawa and New York	223,322.14	298,811.50
34.	Pacific Great Eastern	480,070.75	535,887.32
35.	Pere Marquette	4,836,001.17	2,957,892.09
36.	Quebec Central	2,466,249.09	2,059,903.55
37.	Quebec Railway,Light and Power Co.	554,654.46	474,655.95
38.	Roberval and Saguenay	350,097.21	262,744.56
39.	St. Lawrence and Adirondack	891,335.03	850,431.91
40.	Sydney and Louisburg	1,492,225.04	1,028,928.25
41.	Temiscouata	337,659.47	305,848.29
42.	Temiskaming and Northern Ontario	4,954,983.20	3,609,349.33
43.	Thousand Islands	51,204.86	52,106.66
44.	Toronto, Hamilton and Buffalo	3,266,915.60	2,255,404.68
45.	Vancouver, Victoria and Eastern	558,378.06	614,689.03
46.	Wabash (in Canada)	6,278,475.59	5,093,484.60
	Total	454,231,650.23	380,723,411.52
	Canadian National (Canadian & United States)	250,368,998.35	228,288,022.95

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
1.	58,500.97	41,431.74	..	17,069.23
2.	370,257.47	2,280.98	..	367,976.49
3.	6,013.85	925.75	..	5,088.10
4.	- 66,597.29	1,799.16	..	- 68,396.45
5.	47,833.40	8,728.21	..	39,105.19
6.	32,559.12	1,588.73	..	30,970.39
7.	6,493,353.35	770,137.49	594.36	5,722,621.50
8.	21,374,485.75	3,630,857.11	37,648.30	17,705,980.34
9.	- 4,429,962.20	299,462.23	3,056.47	- 4,732,480.90
10.	16,944,523.55	3,930,319.34	40,704.77	12,973,499.44
11.	41,498,729.56	4,128,488.89	..	37,370,240.67
12.	- 4,972.03	101.82	..	- 5,073.85
13.	- 2,201.89	1,116.42	26.00	- 3,344.31
14.	- 38,052.19	8,274.02	..	- 46,326.21
15.	71,491.25	3,000.50	..	68,490.75
16.	112,350.43	19,505.64	..	92,844.79
17.	7,835.21	2,975.05	..	4,860.16
18.	425,236.53	81,046.51	..	344,190.02
19.	108,358.31	21,610.95	..	86,747.36
20.	35,760.38	3,174.53	..	32,585.85
21.	- 7,621.90	..	..	- 7,621.90
22.	510,032.67	76,511.29	53.61	433,467.77
23.	- 2,992.17	699.31	..	- 3,691.48
24.	36,778.56	1,231.12	..	35,547.44
25.	- 26,034.82	33,629.65	..	- 59,664.47
26.	- 9,214.88	31,340.75	..	- 40,555.63
27.	508.24	122.19	..	386.05
28.	299,213.93	21,800.00	..	277,413.93
29.	- 25,396.12	12,656.37	..	- 38,052.49
30.	- 30,932.95	..	..	- 30,932.95
31.	20,134.65	1,552.60	..	18,582.05
32.	301,349.57	22,738.74	54.67	278,556.16
33.	- 75,489.36	13,916.78	..	- 89,406.14
34.	- 55,816.57	..	..	- 55,816.57
35.	1,878,109.08	60,684.82	109.99	1,817,314.27
36.	406,345.54	47,335.24	..	359,010.30
37.	79,998.51	13,260.74	..	66,737.77
38.	87,352.65	3,976.28	..	83,376.37
39.	40,903.12	2,985.03	..	37,918.09
40.	463,296.79	4,409.80	..	458,886.99
41.	31,811.18	6,148.25	..	25,662.93
42.	1,345,633.87	..	..	1,345,633.87
43.	- 901.80	410.91	..	- 1,312.71
44.	1,011,510.92	110,606.75	200.90	900,703.27
45.	- 56,310.97	133,514.34	..	- 189,825.31
46.	1,184,990.99	5,000.12	..	1,179,990.87
	73,508,238.71	9,631,036.81	41,744.30	63,835,457.60
	22,080,975.40	5,993,474.53	42,121.86	16,045,379.01

Note: Debit items marked (-)

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	Name of Railway	Net Income from Outside Operations	Total Non-operating Income
		$	$
1.	Algoma Central and Hudson Bay	...	187,741.51
2.	Algoma Eastern	...	10,760.38
3.	Alma and Jonquiere	...	579.71
4.	Brandon, Saskatchewan and Hudson Bay	...	12,037.95
5.	British Yukon	...	16,051.05
6.	Canada and Gulf Terminal	...	5,479.95
7.	Canada Southern	...	254,577.32
8.	Canadian National	- 126,840.79	14,006,232.52
9.	Eastern Lines	1,772.40	371,695.69
10.	Total	- 125,068.39	14,377,928.21
11.	Canadian Pacific	2,786,727.05	19,171,130.28
12.	Receivers of Central Vermont Ry. Co.	...	3,606.91
13.	Central Vermont Railway, Inc.	...	8,572.47
14.	Crow's Nest Southern	...	20,262.32
15.	Cumberland	...	...
16.	Dominion Atlantic	47,687.78	557.64
17.	Eastern British Columbia	...	...
18.	Esquimalt and Nanaimo	...	...
19.	Essex Terminal	...	25,550.35
20.	Fredericton & Grand Lake Coal & Railway Co.	...	...
21.	Greater Winnipeg Water District	...	12,262.00
22.	Kettle Valley	...	175,820.61
23.	Maine Central	...	132.87
24.	Maritime Coal, Railway & Power Co.	31,660.30	1,551.90
25.	Midland Railway of Manitoba	...	32,845.46
26.	Montreal and Atlantic	...	1,400.00
27.	Morrissey, Fernie and Michel	...	1,189.59
28.	Napierville Junction	...	13,917.16
29.	Nelson and Fort Sheppard	...	11,641.95
30.	New Brunswick Coal and Railway Co.	...	...
31.	Nipissing Central	...	110.41
32.	Northern Alberta	- 6,591.21	1,063,675.85
33.	Ottawa and New York	...	4,347.90
34.	Pacific Great Eastern	...	10,008.39
35.	Pere Marquette	...	168,686.24
36.	Quebec Central	...	6,390.20
37.	Quebec Railway,Light & Power Co.	...	...
38.	Roberval and Saguenay	...	4,514.57
39.	St. Lawrence and Adirondack	...	1,756.90
40.	Sydney and Louisburg	...	...
41.	Temiscouata	...	2,771.37
42.	Temiskaming and Northern Ontario	...	54,648.84
43.	Thousand Islands	...	400.83
44.	Toronto, Hamilton and Buffalo	...	277,224.71
45.	Vancouver, Victoria and Eastern	...	402,264.20
46.	Wabash (in Canada)	...	...
	Total	2,734,415.53	36,342,398.00
	Canadian National (Canadian and United States)	- 125,068.39	11,763,337.26

Note: Debit items marked (-)

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$
1.	204,810.74	521,173.33	252,800.64	773,973.97	- 569,163.23
2.	378,736.87	111,325.00	105,088.75	216,413.75	162,323.12
3.	5,667.81	...	2,722.00	2,722.00	2,945.81
4.	- 56,358.50	...	16,418.46	16,418.46	- 72,776.96
5.	55,156.24	85,990.50	...	85,990.50	- 30,834.26
6.	36,450.34	65,550.00	...	65,550.00	- 29,099.66
7.	5,977,198.82	...	3,309,373.02	3,309,373.02	2,667,825.80
8.	31,585,372.07	84,123,884.26	8,748,689.11	92,872,573.37	- 61,287,201.30
9.	- 4,359,012.81	1,706,275.46	927,280.29	2,633,555.75	- 6,992,568.56
10.	27,226,359.26	85,830,159.72	9,675,969.40	95,506,129.12	- 68,279,769.86
11.	59,328,098.00	16,403,654.38	3,792,726.83	20,196,381.21	39,131,716.79
12.	- 1,466.94	4,216.45	1,543.13	5,759.58	- 7,226.52
13.	5,228.16	26,284.49	6,578.31	32,862.80	- 27,634.64
14.	- 26,063.89	...	24,933.72	24,933.72	- 50,997.61
15.	68,490.75	...	5,981.04	5,981.04	62,509.71
16.	141,090.21	239,926.67	205,851.84	445,778.51	- 304,688.30
17.	4,860.16	...	12,600.53	12,600.53	- 7,740.37
18.	344,190.02	...	115,712.52	115,712.52	X 228,477.50
19.	112,297.71	21,000.00	...	21,000.00	91,297.71
20.	32,585.85	...	64,399.23	64,399.23	- 31,813.38
21.	4,640.10	...	6,002.83	6,002.83	- 1,362.73
22.	609,288.38	623,400.00	214,625.47	838,025.47	- 228,737.09
23.	- 3,558.61	2,849.00	259.08	3,108.08	- 6,666.69
24.	68,759.64	19,121.43	7,512.27	26,633.70	42,125.94
25.	- 26,819.01	...	124,730.19	124,730.19	- 151,549.20
26.	- 39,155.63	52,650.00	73,788.65	126,438.65	- 165,594.28
27.	1,575.64	165.92	...	165.92	1,409.72
28.	291,331.09	12.38	70,775.33	70,787.71	220,543.38
29.	- 26,410.54	...	8,776.01	8,776.01	- 35,186.55
30.	- 30,932.95	...	9,237.76	9,237.76	- 40,170.71
31.	18,692.46	...	120.00	120.00	18,572.46
32.	1,335,640.80	1,126,731.28	218,500.36	1,345,231.64	- 9,590.84
33.	- 85,058.24	...	74,707.35	74,707.35	- 159,765.59
34.	- 45,808.18	2,704,598.14	95,063.39	2,799,661.53	- 2,845,469.71
35.	1,986,000.51	135,000.00	1,351,859.52	1,486,859.52	499,140.99
36.	365,400.50	324,627.59	94,534.04	419,161.63	- 53,761.13
37.	66,737.77	...	...	...	66,737.77
38.	87,890.94	93,100.65	938.58	94,039.23	- 6,148.29
39.	39,674.99	49,007.55	260,161.67	309,169.22	- 269,494.23
40.	458,886.99	...	33,049.06	33,049.06	425,837.93
41.	28,434.30	...	23,203.42	23,203.42	5,230.88
42.	1,400,282.71	275,034.88	181,279.28	456,314.16	943,968.55
43.	- 911.88	...	648.35	648.35	- 1,560.23
44.	1,177,927.98	221,217.16	105,967.24	327,184.40	850,743.58
45.	212,438.89	...	283,026.89	283,026.89	- 70,588.00
46.	1,179,990.87	...	555,760.38	555,760.38	624,230.49
	102,912,271.13	108,936,796.52	21,387,226.54	130,324,023.06	- 27,640,229.43
	27,683,647.88	86,952,781.98	9,010,635.76	95,963,417.74	- 68,279,769.86

X - Not added into total as it is included in special income account of Canadian Pacific Railway Company.

Note: Debit items marked (-)

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	NAME OF RAILWAY	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Algoma Central and Hudson Bay	323.75	272,763	...
2.	Algoma Eastern	86.13	49,396	577
3.	Alma and Jonquiere	10.60	...	...
4.	Brandon, Saskatchewan and Hudson Bay	84.75	19,822	47,239
5.	British Yukon	90.32	...	3,149
6.	Canada and Gulf Terminal	38.10	...	...
7.	Canada Southern	381.04	1,519,168	2,370,865
8.	Canadian National	18,598.79	20,577,600	18,676,052
9.	Eastern Lines	3,342.39	3,738,302	3,526,323
10.	Total	21,941.18	24,315,902	22,202,375
11.	Canadian Pacific	15,106.20	21,460,086	19,882,106
12.	Receivers of Central Vermont Ry. Co.	...	2,570	6,584
13.	Central Vermont Railway Inc.	25.33	22,501	65,411
14.	Crow's Nest Southern	53.32	16,449	11,804
15.	Cumberland	31.29	3,780	324
16.	Detroit River Tunnel Co.	3.26	...	...
17.	Dominion Atlantic	304.54	158,401	296,568
18.	Eastern British Columbia	13.04	...	...
19.	Esquimalt and Nanaimo	209.70	168,121	176,335
20.	Essex Terminal	21.44	14,082	...
21.	Fredericton & Grand Lake Coal & Railway Co.	31.10	...	...
22.	Greater Winnipeg Water District	92.00	...	...
23.	International Bridge & Terminal Co.	1.06	...	...
24.	Kettle Valley	404.61	244,452	222,486
25.	Maine Central	5.10	3,190	...
26.	Maritime Coal,Railway & Power Co.	16.40	10,422	...
27.	Midland Railway of Manitoba	75.76	48,287	98,691
28.	Montreal and Atlantic	184.60	296,334	304,922
29.	Morrissey, Fernie and Michel	5.37	...	...
30.	Napierville Junction	43.04	34,564	106,884
31.	Nelson and Fort Sheppard	60.79	18,074	3,779
32.	New Brunswick Coal and Railway Co.	59.20	...	...
33.	Nipissing Central	59.74	14,899	47,081
34.	Northern Alberta	877.56	258,898	150,713
35.	Ottawa and New York	58.77	31,644	51,825
36.	Pacific Great Eastern	348.10	27,602	8,166
37.	Pere Marquette	336.88	847,811	133,870
38.	Quebec Central	358.02	206,780	314,773
39.	Quebec Railway, Light & Power Co.	25.55	27,308	20,080
40.	Roberval and Saguenay	44.78	19,085	24,364
41.	St. Lawrence and Adirondack	60.26	62,613	187,258
42.	Sydney and Louisburg	73.90	108,958	31,510
43.	Temiscouata	113.00	39,591	50,787
44.	Temiskaming and Northern Ontario	442.30	599,887	636,010
45.	Thousand Islands	4.51	14,796	31,616
46.	Toronto, Hamilton and Buffalo	111.03	149,280	168,903
47.	Van Buren Bridge Co.	.36	...	...
48.	Vancouver, Victoria and Eastern	247.67	30,744	78,447
49.	Wabash (in Canada)	245.40	1,419,240	179,669
	Total	ϕ 42,074.52	52,537,500	47,915,171
	Canadian National (Can. & U.S.)	23,767.96	28,581,522	25,418,825

ϕ Duplications excluded.

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1930

NO.	Mileage of Revenue Mixed Trains: X Freight	Mileage of Revenue Mixed Trains: X Passenger	Special Revenue Train Mileage	Total Revenue Train Mileage	Miles of Non-revenue Trains
1.	138,287	81,216	446	492,712	45,098
2.	20,979	33,483	...	104,435	3,463
3.	...	...	...	...	...
4.	...	...	276	67,337	318
5.	23,622	11,116	180	38,067	986
6.	8,780	5,268	...	14,048	...
7.	66,075	14,275	...	3,970,383	16,629
8.	2,012,850	410,811	16,457	41,693,770	1,235,643
9.	694,993	244,567	3,572	8,207,757	237,073
10.	2,707,843	655,378	20,029	49,901,527	1,472,716
11.	1,919,334	434,241	26,484	43,722,251	870,618
12.	...	...	...	9,154	275
13.	...	...	96	88,008	386
14.	...	...	...	28,253	632
15.	17,506	9,576	...	31,186	...
16.	...	...	...	...	...
17.	138,534	31,225	1,044	625,772	17,532
18.	8,597	1,526	...	10,123	101
19.	...	...	145	344,601	2,734
20.	...	...	...	14,082	...
21.	20,039	2,363	...	22,402	...
22.	...	...	...	...	...
23.	...	...	...	...	...
24.	18,971	2,761	383	489,053	40,772
25.	2,364	836	...	6,390	...
26.	7,188	3,968	...	21,578	...
27.	...	...	132	147,110	...
28.	...	...	156	601,412	9,677
29.	18,548	1,847	...	20,395	...
30.	...	...	...	141,448	2,981
31.	...	...	...	21,853	531
32.	24,671	10,998	...	35,669	...
33.	9,946	6,643	52	78,621	2,828
34.	43,455	14,748	...	467,814	45,642
35.	...	...	...	83,469	1,283
36.	45,282	23,202	1,035	105,287	45,754
37.	95,562	26,631	...	1,103,874	13,561
38.	128,751	67,187	...	717,491	4,112
39.	25	75	...	47,488	656
40.	13,380	4,261	...	61,090	...
41.	...	...	...	249,871	4,081
42.	16,890	3,200	15,768	176,326	...
43.	11,841	8,191	...	110,410	8,199
44.	71,598	19,508	1,405	1,328,408	59,232
45.	...	...	...	46,412	...
46.	17,954	3,946	...	340,083	7,129
47.	...	...	...	...	...
48.	20,077	5,796	210	135,274	5,013
49.	...	...	...	1,598,909	2,381
	5,616,099	1,483,465	67,841	# 107,620,076	2,685,320
	2,811,512	683,851	24,390	57,520,100	1,510,195

X - Divided on car mileage basis
- Exclusive of 1,555,721 motor car miles.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1930.

NO.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Algoma Central and Hudson Bay	634,217	136,840,236
2.	Algoma Eastern	1,831,950	24,513,171
3.	Alma and Jonquiere	97,490	...
4.	Brandon, Saskatchewan and Hudson Bay	33,453	1,134,732
5.	British Yukon	17,887	1,495,429
6.	Canada and Gulf Terminal	86,744	1,419,196
7.	Canada Southern	7,579,992	998,997,029
8.	Canadian National	40,453,530	12,652,668,344
9.	Eastern Lines	6,613,775	1,717,699,483
10.	Total	47,067,305	14,370,367,827
11.	Canadian Pacific	31,486,588	12,050,991,739
12.	Receivers of Central Vermont Railway Co.	35,931	1,000,720
13.	Central Vermont Railway, Inc.	464,272	11,157,260
14.	Crow's Nest Southern	75,634	3,961,977
15.	Cumberland	589,505	3,435,804
16.	Dominion Atlantic	427,726	33,915,243
17.	Eastern British Columbia	206,380	2,564,948
18.	Esquimalt and Nanaimo	1,260,384	36,223,567
19.	Essex Terminal	29,815	298,150
20.	Fredericton & Grand Lake Coal & Railway Co.	129,982	3,957,888
21.	Greater Winnipeg Water District	105,656	...
22.	Kettle Valley	1,275,352	102,687,029
23.	Maine Central	165,258	842,816
24.	Maritime Coal Railway and Power Co.	179,241	1,798,148
25.	Midland Railway of Manitoba	107,713	7,982,511
26.	Montreal and Atlantic	1,387,111	75,094,717
27.	Morrissey, Fernie & Michel	230,900	1,239,933
28.	Napierville Junction	900,090	24,994,474
29.	Nelson and Fort Sheppard	28,646	1,527,892
30.	New Brunswick Coal and Railway Co.	157,992	1,205,420
31.	Nipissing Central	113,870	2,780,722
32.	Northern Alberta	522,044	115,253,718
33.	Ottawa and New York	154,207	7,525,253
34.	Pacific Great Eastern	39,491	5,593,458
35.	Pere Marquette	2,647,641	394,694,305
36.	Quebec Central	1,112,783	66,146,769
37.	Quebec Railway, Light & Power Co.	276,837	3,824,920
38.	Roberval and Saguenay	347,126	5,273,233
39.	St. Lawrence and Adirondack	797,747	24,977,985
40.	Sydney and Louisburg	4,529,670	53,868,364
41.	Temiscouata	244,096	7,138,443
42.	Temiskaming and Northern Ontario	1,373,351	248,500,123
43.	Thousand Islands	(X)	224,047
44.	Toronto, Hamilton and Buffalo	3,125,727	115,993,658
45.	Vancouver, Victoria and Eastern	294,126	9,611,477
46.	Wabash (in Canada)	3,057,581	643,490,794
	Total	115,229,511	29,604,545,125
	Canadian National (Canadian and United States)	57,024,823	16,874,333,107

(X) Included in Canadian National Railways

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1930

NO.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1.	51,262	2,968,822	3,607,476	2,373,211	685,830
2.	20,894	861,749	520,204	481,882	173,589
3.	...	...	...	...	...
4.	13,834	449,744	73,797	43,037	98,384
5.	14,049	626,535	156,320	76,350	143,480
6.	37,225	642,389	81,194	39,907	14,048
7.	1,190,910	154,776,805	61,258,945	38,900,135	25,578,228
8.	13,288,879	912,754,754	576,590,088	275,876,140	138,393,121
9.	3,499,043	202,351,842	87,501,523	28,038,840	26,885,323
10.	16,787,922	1,115,106,596	664,091,611	303,914,980	165,278,444
11.	11,177,113	976,497,867	531,415,335	240,160,441	150,851,604
12.	11,983	263,231	46,671	22,036	40,575
13.	109,805	2,470,205	531,510	263,824	406,812
14.	2,874	101,170	120,745	100,600	23,712
15.	25,496	270,657	113,446	113,446	55,862
16.	348,299	14,043,341	2,638,789	1,209,007	2,070,124
17.	2,019	25,070	60,968	60,987	9,929
18.	96,525	3,148,192	1,433,601	1,055,209	705,045
19.	...	...	146,940	134,705	...
20.	8,824	198,380	139,635	69,089	24,616
21.	9,687	497,905	...	...	...
22.	56,075	6,834,761	3,519,789	856,449	1,061,536
23.	2,740	13,974	33,199	21,507	5,720
24.	8,460	67,201	41,824	42,386	15,024
25.	46,053	2,621,234	476,789	417,768	656,306
26.	271,462	7,808,061	4,597,656	1,673,580	1,130,360
27.	54,300	291,591	25,239	25,239	5,026
28.	220,337	8,275,462	798,329	663,503	787,200
29.	7,770	173,975	65,580	31,636	4,230
30.	11,264	235,342	58,563	24,315	36,945
31.	54,204	1,813,574	232,073	112,362	251,052
32.	103,762	13,310,735	5,681,264	2,943,422	1,640,861
33.	76,848	1,970,821	274,901	373,313	186,599
34.	29,803	1,760,186	403,743	229,023	270,758
35.	59,676	1,087,193	22,568,703	13,944,970	573,094
36.	476,777	17,689,536	3,208,159	1,603,566	1,895,705
37.	1,384,193	13,688,343	183,153	135,308	# 106,410
38.	22,538	392,373	178,536	123,522	92,733
39.	777,164	14,502,297	1,029,706	1,021,750	812,541
40.	88,322	1,005,188	2,207,845	2,145,047	181,320
41.	34,813	1,013,526	376,131	255,913	195,260
42.	499,454	34,282,712	11,231,604	6,043,202	4,434,234
43.	10,920	77,532	14,796	4,503	31,616
44.	387,807	13,856,331	3,530,443	2,500,393	1,237,198
45.	80,274	2,478,126	444,375	329,786	494,823
46.	25,030	4,716,144	39,014,531	24,268,375	1,245,714
	34,698,767	2,422,874,877	1,366,633,818	654,809,684	363,512,552
	17,512,433	1,211,786,300	787,657,963	369,042,373	187,026,542

- Exclusive of electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

NO.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, general officers and assistants	888
2.	Division officers	1,168
3.	Assistant engineers and draftsmen	1,239
4.	Other miscellaneous officials	1,543
5.	Clerks	17,680
6.	Telephone switchboard operators	260
7.	Office boys, messengers, attendants and misc. trades workers	1,246
8.	Janitors and cleaners	1,242
	Total	25,266
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and building department foremen	503
10.	Carpenters and bridgemen	2,763
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	299
12.	Masons, bricklayers, plasterers and painters	315
13.	Helpers, B.& B. department	283
14.	Apprentices, B.& B. department	30
15.	Pile driver, ditching, hoist and steam shovel employees	387
16.	Pumpmen	652
17.	Extra gang and snow plough foremen	403
18.	Signal foremen	40
19.	Section foremen	6,371
20.	Sectionmen	18,308
21.	Labourers	11,530
22.	Foremen, linemen	87
23.	Telegraph and telephone linemen and groundmen	398
24.	Signal and interlocker maintainers and repairmen	499
	Total	42,868
	MAINTENANCE OF EQUIPMENT	
25.	General foremen	62
26.	Department and gang foremen	2,379
27.	Blacksmiths	757
28.	Boilermakers	1,471
29.	Carmen (a)	2,794
30.	Carmen (b)	692
31.	Carmen (c)	7,682
32.	Carmen (d)	370
33.	Electrical workers	858
34.	Machinists	4,927
35.	Moulders	133
36.	Pipe fitters and sheet metal workers	1,206
37.	Helpers to mechanics	8,080
38.	Helper apprentices	99
39.	Regular apprentices	1,488
40.	Car cleaners	1,676
41.	Other unskilled employees	4,060
42.	Unclassified labourers	3,353
43.	Stationary engineers, firemen and oilers	907
	Total	42,994

EMPLOYEES AND THEIR COMPENSATION

NO.	Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
			$	$	$
1.	266,918	...	5,793,508.67	21.705	...
2.	378,608	...	4,314,875.41	11.397	...
3.	381,119	...	2,289,738.06	6.008	...
4.	468,903	...	3,976,521.91	8.480	...
5.	5,430,401	...	25,827,349.05	4.756	...
6.	80,056	...	240,601.93	3.005	...
7.	379,776	...	916,715.28	2.414	...
8.	349,479	...	946,896.25	2.709	...
	7,735,260	...	44,306,206.56	5.728	...
9.	159,359	...	951,261.13	5.969	...
10.	...	6,577,321	3,981,513.52	...	.605
11.	...	756,988	551,488.40	...	.729
12.	...	742,459	468,860.33	...	.631
13.	...	693,011	343,405.69	...	.496
14.	...	64,923	26,551.43	...	.409
15.	...	1,126,769	717,927.80	...	.637
16.	...	1,745,055	817,132.45	...	.468
17.	...	1,170,292	842,037.41	...	.720
18.	12,541	...	95,946.65	7.651	...
19.	...	16,415,157	9,766,501.79	...	.595
20.	...	46,029,176	19,434,279.80	...	.422
21.	...	30,593,841	9,129,744.03	...	.298
22.	25,752	...	181,171.82	7.035	...
23.	...	1,195,166	577,944.93	...	.484
24.	...	1,319,280	884,961.93	...	.671
	197,652	108,429,438	48,770,729.11	6.215	.438
25.	19,921	...	208,009.85	10.442	...
26.	768,644	...	6,009,402.44	7.818	...
27.	...	1,547,510	1,238,337.21	...	.800
28.	...	3,087,101	2,498,653.84	...	.809
29.	...	5,677,997	4,693,395.14	...	.827
30.	...	1,410,698	1,181,755.20	...	.838
31.	...	16,530,372	12,125,092.35	...	.734
32.	...	712,395	532,386.09	...	.747
33.	...	1,936,021	1,482,555.78	...	.766
34.	...	10,188,529	8,212,235.20	...	.806
35.	...	265,966	221,394.86	...	.832
36.	...	2,456,002	1,994,285.09	...	.812
37.	...	17,001,012	9,880,738.40	...	.581
38.	...	202,516	122,148.14	...	.603
39.	...	2,886,790	1,407,239.54	...	.487
40.	...	4,143,518	1,794,878.13	...	.433
41.	...	10,391,013	4,421,437.35	...	.426
42.	...	7,251,895	2,955,148.82	...	.408
43.	...	2,265,465	1,322,973.51	...	.584
	788,565	87,954,800	62,302,066.94	7.884	.638

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EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and sergeants of police	162
45.	Constables and policemen	699
46.	Storekeepers	150
47.	Storemen	1,844
48.	Train despatchers and traffic supervisors	546
49.	Supervisory agents and assistants	756
50.	Station agents - non telegraphers (small stations)	176
51.	Station agents - telegraphers and telephoners	6,089
52.	Signalmen (non-telegraphers) at interlockers	436
53.	Foremen in freight sheds	396
54.	Freight handlers and other station employees	4,902
55.	Labourers	406
56.	Dining car and restaurant inspectors, conductors and stewards	374
57.	Dining car and restaurant helpers and attendants	1,933
58.	News agents	3
59.	Floating equipment employees	722
60.	Sleeping and parlour car inspectors and conductors	242
61.	Sleeping and parlour car porters	1,207
62.	Drawbridge operators	106
63.	Signalmen or watchmen at crossings (non-interlocked)	784
64.	Yardmasters and assistants	395
65.	Switch tenders	444
66.	Hostlers	612
67.	Road passenger conductors	886
68.	Road freight conductors	2,086
69.	Road passenger brakemen, baggagemen and flagmen	1,999
70.	Road freight brakemen and flagmen	4,668
71.	Yard conductors and yard foremen	1,323
72.	Yard brakemen and helpers	2,770
73.	Road passenger engineers and motormen	1,220
74.	Road freight engineers and motormen	2,560
75.	Yard engineers and motormen	1,206
76.	Road passenger firemen and helpers	1,203
77.	Road freight firemen and helpers	2,844
78.	Yard firemen and helpers	1,232
	Total	47,381
79.	Express department	2,874
80.	Radio department	106
81.	Employees engaged in outside operations	12,996
	GRAND TOTAL	174,485
82.	Pullman, bridge and tunnel companies	502
83.	Total number of female employees (monthly average)	6,842

EMPLOYEES AND THEIR COMPENSATION

NO.	Total Days on Duty	Total Hours on Duty	Compensation: Total For Year $	Compensation: Average Daily Compensation $	Compensation: Average Hourly Compensation $
44.	51,941	...	360,507.28	6.941	...
45.	232,638	...	1,202,228.67	5.168	...
46.	48,486	...	305,963.51	6.310	...
47.	...	4,019,319	2,046,722.37	...	.509
48.	...	1,418,226	1,752,289.15	...	1.236
49.	...	1,938,803	1,573,358.07	...	.812
50.	...	421,571	218,407.58	...	.518
51.	...	15,691,557	11,402,943.43	...	.727
52.	...	1,103,063	593,409.38	...	.538
53.	...	1,006,116	695,813.18	...	.692
54.	...	11,370,661	5,728,185.99	...	.504
55.	...	997,970	404,436.29	...	.405
56.	...	1,164,125	730,160.61	...	.627
57.	...	5,783,510	2,074,784.13	...	.359
58.	711	...	1,165.16	1.639	...
59.	...	2,598,295	953,773.48	...	.367
60.	...	687,830	488,589.77	...	.710
61.	...	3,547,412	1,327,745.21	...	.374
62.	...	276,793	148,118.78	...	.535
63.	...	2,064,707	816,952.69	...	.396
64.	132,180	...	1,220,883.48	9.237	...
65.	156,348	...	749,367.65	4.793	...
66.	206,841	...	1,138,140.67	5.502	...
67.	...	2,321,919	2,705,481.41	...	1.165
68.	...	5,959,702	5,904,781.57	...	.991
69.	...	5,064,393	4,280,754.25	...	.845
70.	...	12,183,933	9,473,894.58	...	.778
71.	...	3,579,573	3,046,545.51	...	.851
72.	...	7,007,692	5,515,274.85	...	.787
73.	...	2,716,351	4,100,980.46	...	1.510
74.	...	7,120,588	8,058,987.89	...	1.132
75.	...	3,574,581	3,181,920.65	...	.890
76.	...	2,590,663	3,009,092.26	...	1.160
77.	...	7,154,910	6,102,400.83	...	.853
78.	...	3,580,228	2,476,185.63	...	.692
	829,145	116,944,497	93,787,246.42	6.004	.759
.	884,476	...	4,517,624.17	5.108	...
.	37,446	...	155,250.00	4.146	...
.	...	34,535,426	14,508,250.82	...	.420
	10,472,544	347,864,161	268,347,374.02	5.863	.595
.	11,534	1,432,880	723,242.35	5.295	.462

tal pay roll charged to
Operating Expenses 251,540,129.23

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1931

The freight traffic on Canadian railways has been declining steadily since August and only twice since then has there been an increase over the corresponding month of the ious year. The total revenue ton miles for 1929 was down 14 per cent from the previous , for 1930 it was down 16 per cent and for 1931 it was less than 1930 by 14 per cent and only 62 per cent of the peak reached in 1928. Passenger traffic has fared even worse; total passengers carried one mile showed a decrease in November 1928 over the total for mber 1927 and, with only two exceptions, each month since has shown a decrease over the esponding month of the previous year. The total for 1931 was only 56 per cent of the traffic and 72 per cent of the 1930 traffic and was a new low record for the past 25 s.

With these decreases in freight and passenger traffic and with interest charges easing rapidly, it was practically impossible to reduce operating expenses sufficiently offset the loss in revenues and increases in other expenditures. Gross operating nues amounted to $358,549,382 which was a decrease from the 1930 revenues of 21 per cent, rating expenses were $321,025,587, having been reduced from $380,723,411 for the previous , or by 16 per cent, interest charges increased from$108,936,796 in 1930 to $113,666,370 the debit balance carried to profit and loss increased from $86,128,542 to $123,564,510.

Dividend payments by the railways paying dividends were reduced from $38,890,927 in to $27,247,990, the Canadian Pacific Railway paying $26,190,030 of this amount. The adian National Railway closed the year with a deficit of $99,275,680, including the loss the Eastern Lines and all profit and loss items made during the year, and the Canadian fic Railway had a deficit of $19,242,977 after paying dividends, sinking and reserve ges, etc.

The heaviest decrease in freight handled was in mine products which dropped from 94,511 tons in 1930 to 25,623,443 tons. Bituminous coal decreased from 12,153,738 tons 962,001 tons and iron ore from 423,546 tons to 45,229 tons. Rail shipments of these odities were affected by the opening of the Welland Ship Canal. With the opening of the er canal, iron ore, which previously moved from Lake Superior ports to Point Edward by and from there to Hamilton by rail, moved all the way from Lake Superior to Hamilton oat. Also shipments of United States coal from Lake Erie ports to Hamilton, Toronto other lower lake ports increased via the canal. The industrial depression, however, the principal factor in these decreases. With a decrease in highway construction and general building, the movement of gravel and crushed stone dropped from 7,692,562 tons in to 5,256,641 tons. Forest products also showed heavy decreases, especially pulpwood, h amounted to only 2,098,824 tons as against 3,941,747 tons in 1930. Lumber, ctural iron, cement, brick, lime and plaster all showed large reductions. Agricultural ements decreased from 485,721 tons in 1929 to 318,019 tons in 1930 and to 139,658 tons 931, and the movement of automobiles was only 43 per cent of the 1929 traffic.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1931

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Uncollectable Railway Revenues
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	1,242,198.86	1,301,716.71	- 59,517.85	45,081.96	-----
1a.	Algoma Eastern	309,070.30	147,527.03	161,543.27	1,056.10	-----
2.	Alma and Jonquiere	63,157.01	51,975.96	11,181.05	435.47	-----
3.	Brandon, Saskatchewan & Hudson Bay	37,994.95	98,011.86	- 60,016.91	885.49	-----
4.	British Yukon	149,101.25	115,934.92	33,166.33	8,725.87	-----
5.	Canada and Gulf Terminal	82,189.92	79,772.90	2,417.02	1,651.46	-----
6.	Canada Southern	14,153,591.98	10,396,311.92	3,757,280.06	576,031.51	541.68
7.	Canadian National	148,444,021.55	142,048,145.59	6,395,875.96	3,712,670.83	35,994.44
8.	Eastern Lines	23,231,424.00	29,624,986.96	-6,393,562.96	308,623.16	2,527.82
9.	Total	171,675,445.55	171,673,132.55	2,313.00	4,021,293.99	38,522.26
10.	Canadian Pacific	141,999,359.79	112,692,927.43	29,306,432.36	3,961,848.59	-----
11.	Central Vermont	182,284.00	202,473.31	- 20,189.31	1,149.01	11.10
12.	Crow's Nest Southern	27,031.65	61,063.94	- 34,032.29	8,245.20	-----
13.	Cumberland	171,180.54	128,737.91	42,442.63	3,000.00	-----
14.	Dominion Atlantic	1,599,153.15	1,661,174.56	- 62,021.41	20,077.09	-----
15.	Eastern British Columbia	94,953.22	80,886.73	14,066.49	3,009.70	-----
16.	Esquimalt and Nanaimo	898,025.12	644,857.35	253,167.77	70,611.06	-----
17.	Essex Terminal	211,788.46	146,259.98	65,528.48	20,965.78	-----
17a	Fredericton and Grand Lake Coal & Rly. Co.	57,671.09	37,273.73	20,397.36	1,569.02	-----
18.	Greater Winnipeg Water District	89,678.33	100,425.14	- 10,746.81	-----	-----
19.	Maine Central	14,709.73	14,296.36	413.37	696.62	-----
20.	Maritime Coal Railway & Power Company	108,525.57	76,850.01	31,675.56	1,562.40	-----
21.	Midland Railway of Manitoba	245,975.03	330,116.76	- 84,141.73	31,772.76	-----
22.	Montreal and Atlantic	1,296,661.49	1,356,029.34	- 59,367.85	24,512.15	-----
23.	Morrissey, Fernie and Michel	62,921.04	72,799.69	- 9,878.65	111.62	-----
24.	Napierville Junction	499,908.43	326,264.17	173,644.26	15,281.86	-----
25.	Nelson and Fort Sheppard	40,185.86	75,781.99	- 35,596.13	12,664.62	-----
26.	New Brunswick Coal and Railway Company	27,774.48	35,405.03	- 7,630.55	-----	-----
27.	Nipissing Central	223,140.25	194,469.01	28,671.24	5,496.29	-----
28.	Northern Alberta	1,863,016.98	1,503,810.58	359,206.40	41,434.45	318.4
29.	Ottawa and New York	171,134.19	264,579.84	- 93,445.65	13,153.34	-----
30.	Pacific Great Eastern	423,144.73	488,924.57	- 65,779.84	-----	-----
31.	Pere Marquette	3,631,516.68	2,386,272.26	1,245,244.42	Cr. 51,089.28	153.3
32.	Quebec Central	1,727,132.39	1,730,072.76	- 2,940.37	44,681.65	-----
33.	Quebec Railway Light and Power Company	419,788.15	397,646.75	22,141.40	14,175.45	-----
34.	Roberval and Saguenay	188,371.00	183,386.10	4,984.90	4,414.12	-----
35.	St. Lawrence and Adirondack	759,966.58	677,708.31	82,258.27	3,083.31	-----
36.	Sydney and Louisburg	1,121,053.79	858,166.71	262,887.08	5,054.63	-----
37.	Temiscouata	197,154.65	203,514.42	- 6,359.77	6,590.77	-----
38.	Temiskaming and Northern Ontario	4,945,795.12	3,526,699.79	1,419,095.33	-----	-----
39.	Thousand Islands	41,352.27	40,019.47	1,332.80	510.49	-----
40.	Toronto, Hamilton and Buffalo	2,294,759.38	1,784,809.69	509,949.69	112,628.73	271.(
41.	Vancouver, Victoria and Eastern	388,213.15	438,215.55	- 50,002.40	131,569.97	-----
42.	Wabash (in Canada)	4,813,306.23	4,439,284.79	374,021.44	586.82	-----
43.	Total	358,549,382.34	321,025,587.88	37,523,794.46	9,164,530.57	39,817.
46.	Canadian National (Canadian & United States)	200,505,162.00	199,312,995.43	1,192,166.57	5,774,074.22	44,511.

Note: Debit items marked (-).

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1931

Net Operating Income	Net Income from Outside Operations	Total Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
$	$	$	$	$	$	$	$
- 104,599.81	------	98,703.81	- 5,896.00	532,385.00	152,594.74	684,979.74	- 690,875.74
160,487.17	------	3,331.85	163,819.02	55,662.50	31,906.77	87,569.27	76,249.75
10,745.58	------	341.05	11,086.63	-----	2,249.53	2,249.53	8,837.10
- 60,902.40	------	9,572.83	- 51,329.57	-----	13,353.90	13,353.90	- 64,683.47
24,440.46	------	17,514.90	41,955.36	85,990.50	-----	85,990.50	- 44,035.14
765.56	------	3,354.18	4,119.74	65,550.00	-----	65,550.00	- 61,430.26
3,180,706.87	------	301,690.60	3,482,397.47	-----	3,050,157.99	3,050,157.99	432,239.48
2,647,210.69	-198,765.10	15,331,657.88	17,780,103.47	87,468,427.79	14,574,393.99	102,042,821.78	-84,262,718.31
- 6,704,713.94	5,454.99	408,210.86	-6,291,048.09	1,938,070.73	1,021,582.04	2,959,652.77	- 9,250,700.86
- 4,057,503.25	-193,310.11	15,739,868.74	11,489,055.38	89,406,498.52	15,595,976.03	105,002,474.55	-93,513,419.17
25,344,583.77	1,482,595.42	11,078,376.72	37,905,555.91	18,389,354.24	4,931,729.75	23,321,083.99	14,584,471.92
- 21,349.42	------	14,238.06	- 7,111.36	26,643.24	16,112.41	42,755.65	- 49,867.01
- 42,277.49	------	17,033.77	- 25,243.72	-----	23,629.81	23,629.81	- 48,873.53
39,442.63	------	-----	39,442.63	-----	6,094.58	6,094.58	33,348.05
- 82,098.50	------	9,947.18	- 72,151.32	-----	156,235.56	156,235.56	- 228,386.88#
11,056.79	------	-----	11,056.79	-----	7,589.39	7,589.39	3,467.40
182,556.71	------	-----	182,556.71	-----	41,617.39	41,617.39	140,939.32#
44,562.70	------	37,296.40	81,859.10	21,000.00	-----	21,000.00	60,859.10
18,828.34	------	-----	18,828.34	-----	32,745.53	32,745.53	- 13,917.19
- 10,746.81	------	6,085.00	- 4,661.81	-----	6,629.00	6,629.00	- 11,290.81
- 283.25	------	114.06	- 169.19	2,849.00	235.36	3,084.36	- 3,253.55
30,113.16	- 9,421.56	301.24	20,992.84	3,426.10	4,821.92	8,248.02	12,744.82
- 115,914.49	------	40,128.77	- 75,785.72	-----	119,037.05	119,037.05	- 194,822.77
- 83,880.00	------	1,400.00	- 82,480.00	52,650.00	98,161.53	150,811.53	- 233,291.53
- 9,990.27	------	326.42	- 9,663.85	-----	-----	-----	- 9,663.85
158,362.40	------	928.19	159,290.59	.50	55,128.97	55,129.47	104,161.12
- 48,260.75	------	15,918.81	- 32,341.94	-----	8,187.39	8,187.39	- 40,529.33
- 7,630.55	------	-----	- 7,630.55	-----	4,097.10	4,097.10	- 11,727.65
23,174.95	------	649.41	23,824.36	-----	120.00	120.00	23,704.36
317,453.48	- 6,729.77	1,167,844.12	1,478,567.83	1,240,487.50	180,384.49	1,420,871.99	57,695.84
- 106,598.99	------	5,955.55	- 100,643.44	-----	63,309.67	63,309.67	- 163,953.11
- 65,779.84	2,942.15	7,627.03	- 55,210.66	2,820,643.98	107,438.93	2,928,082.91	- 2,983,293.57
1,236,180.38	------	169,442.41	1,465,622.79	315,060.22	1,201,059.29	1,516,119.51	- 50,496.72
- 47,622.02	------	85,353.22	37,731.20	-----	32,100.00	32,100.00	5,631.20 #
7,965.95	------	-----	7,965.95	-----	-----	-----	7,965.95
570.78	------	432.81	1,003.59	93,118.01	15,795.99	108,914.00	- 107,910.41
79,174.46	------	2,162.39	81,336.85	49,007.55	210,929.01	259,936.56	- 178,599.71
257,832.45	------	-----	257,832.45	-----	23,801.96	23,801.96	234,030.49
- 12,950.54	------	2,362.83	- 10,587.71	-----	10,109.71	10,109.71	- 20,697.42
1,419,095.33	------	61,001.04	1,480,096.37	282,846.75	214,970.39	497,817.14	982,279.23
822.31	------	767.05	1,589.36	-----	121.99	121.99	1,467.37
397,049.95	------	545,132.47	942,182.42	223,197.02	114,980.99	338,178.01	604,004.41
- 181,572.37	------	403,184.63	221,612.26	-----	261,975.42	261,975.42	- 40,363.16
373,434.62	------	-----	373,434.62	-----	543,992.53	543,992.53	- 170,557.91
28,319,446.05	1,276,076.13	29,848,387.54	59,443,909.72	113,666,370.63	27,339,382.07	141,005,752.70	-81,480,026.62
- 4,626,419.61	- 193,310.11	10,797,462.37	5,977,732.65	89,593,742.05	9,897,409.77	99,491,151.82	-93,513,419.17

added into total as it is included in special income account of Canadian Pacific Railway Co.

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1931

No.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage	Total Revenue Train Mileage	Milea Non-R Tra
					#Freight	#Passenger			
1.	Algoma Central & Hudson Bay	323.75	189,836	---	123,089	43,247	---	356,172	3
1a.	Algoma Eastern	- ---	20,266	87	16,495	10,468	---	47,316	
2.	Alma and Jonquiere	10.60	---	---	---	---	---	---	
3.	Brandon, Saskatchewan & Hudson Bay	84.74	14,708	1,431	2,883	6,214	207	25,443	
4.	British Yukon	90.32	---	5,359	20,259	12,416	180	38,214	
5.	Canada & Gulf Terminal	36.00	---	---	8,370	5,022	---	13,392	
6.	Canada Southern	381.04	1,357,397	2,035,459	61,105	10,703	---	3,464,664	
7.	Canadian National	18,607.55	17,522,206	16,095,636	2,113,909	375,733	11,087	36,118,571	75
8.	Eastern Lines	3,342.39	3,092,351	3,005,804	609,066	235,939	2,775	6,945,935	20
9.	Total	21,949.94	20,614,557	19,101,440	2,722,975	611,672	13,862	43,064,506	95
10.	Canadian Pacific	15,635.70	18,272,339	17,966,359	2,013,140	410,265	15,106	38,677,209	49
11.	Central Vermont	25.33	22,368	55,488	---	---	96	77,952	
12.	Crow's Nest Southern	53.32	11,700	7,488	---	---	---	19,188	
13.	Cumberland	31.29	3,190	---	16,075	11,896	---	31,161	
14.	Dominion Atlantic	305.00	123,854	277,282	151,652	32,616	535	585,939	
15.	Eastern British Columbia	13.04	---	---	9,099	5,315	---	14,414	
16.	Esquimalt and Nanaimo	211.00	131,350	124,933	---	---	245	256,528	
17.	Essex Terminal	21.44	9,582	---	---	---	---	9,582	
17a	Fredericton & Grand Lake Coal & Ry. Co.	---	---	---	9,803	1,284	---	11,087	
18.	Greater Winnipeg Water District	92.00	---	---	---	---	---	---	
19.	Maine Central	5.10	3,200	---	2,374	826	---	6,400	
20.	Maritime Coal Railway & Power Co.	12.00	10,133	---	6,824	3,908	---	20,865	
21.	Midland Railway of Manitoba	74.99	45,237	97,622	---	---	67	142,926	
22.	Montreal and Atlantic	184.60	242,314	274,226	17,207	17,519	625	551,891	
23.	Morrissey, Fernie and Michel	5.37	---	---	17,239	1,298	---	18,537	
24.	Napierville Junction	43.04	27,620	104,276	---	---	332	132,228	
25.	Nelson and Fort Sheppard	60.79	18,584	4,526	---	---	---	23,110	
26.	New Brunswick Coal & Railway Co.	59.20	---	---	12,222	5,484	---	17,706	
27.	Nipissing Central	59.74	16,853	46,582	15,327	1,286	---	80,048	
28.	Northern Alberta	927.62	270,169	165,020	43,857	14,464	---	493,510	
29.	Ottawa and New York	58.77	23,033	55,267	---	---	---	78,300	
30.	Pacific Great Eastern	347.80	23,823	3,443	49,459	23,792	---	100,517	
31.	Pere Marquette	336.73	665,383	98,217	80,047	20,389	---	864,036	
32.	Quebec Central	364.84	117,701	288,531	129,219	67,187	---	602,638	
33.	Quebec Railway Light & Power Co.	25.55	18,656	17,364	435	290	---	36,745	
34.	Roberval and Saguenay	44.34	6,376	15,768	11,094	4,370	---	37,608	
35.	St. Lawrence & Adirondack	60.26	44,947	185,511	---	---	50	230,508	
36.	Sydney and Louisburg	74.90	87,413	27,853	16,054	3,864	9,704	144,888	
37.	Temiscouata	113.00	15,383	32,238	17,597	8,021	---	73,239	
38.	Temiskaming & Northern Ontario	442.30	573,236	576,033	99,721	25,174	694	1,274,858	
39.	Thousand Islands	4.51	14,400	20,996	---	---	---	35,396	
40.	Toronto, Hamilton and Buffalo	111.03	128,743	161,130	18,749	3,161	---	311,783	
41.	Vancouver, Victoria & Eastern	246.63	26,964	55,909	16,415	5,227	---	104,515	
42.	Wabash (in Canada)	245.40	1,189,707	179,005	---	---	---	1,368,712	
43.	Total	xx 43,173.02	44,341,022	41,984,843	5,708,785	1,367,378	41,703	≠93,443,731	1,6
46.	Canadian National (Can. & U.S.)	23,841.77	24,315,542	22,208,921	2,837,976	632,112	17,546	50,012,097	9

- Divided on car mileage basis. ≠ Exclusive of 1,963,181 motor car miles. xx Duplications excluded.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1931

Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
				Freight Loaded	Freight Empty	
464,473	99,656,103	30,478	2,019,932	2,922,853	1,948,131	504,187
545,932	12,871,543	7,864	312,213	278,978	252,952	68,076
79,989	---	---	---	---	---	---
12,654	872,907	4,890	166,475	32,117	18,112	30,833
12,769	1,038,736	13,654	624,028	114,639	55,497	131,904
55,865	677,199	23,250	435,137	45,182	21,937	13,392
5,432,441	758,891,056	873,606	118,899,425	51,161,749	32,975,669	22,328,106
31,205,297	11,212,394,268	9,883,659	646,975,603	491,420,245	254,658,867	116,669,663
5,159,347	1,423,409,875	2,812,117	141,448,246	73,053,899	22,688,386	23,444,526
36,364,644	12,635,804,143	12,695,776	788,423,849	564,474,144	277,347,253	140,114,189
25,856,121	10,627,906,651	8,522,996	709,437,187	453,303,490	214,078,905	132,062,353
371,337	8,931,067	123,223	2,833,580	435,652	302,887	399,744
40,835	2,164,632	2,128	65,097	64,623	49,565	15,080
491,408	2,735,165	23,297	222,614	89,881	89,881	54,488
354,023	29,433,681	292,668	13,204,920	2,418,285	1,098,050	1,897,222
262,105	3,286,570	1,386	17,318	72,764	72,731	14,392
916,564	24,662,595	45,515	1,718,490	986,633	735,786	463,607
200,804	2,008,040	---	---	98,565	93,070	---
60,119	1,974,570	6,782	155,187	65,320	29,925	12,478
135,892	---	7,152	355,857	---	---	---
160,148	816,755	1,672	8,527	31,680	20,098	4,269
179,827	1,737,660	7,543	57,318	39,803	41,641	15,048
73,331	5,680,880	27,714	1,571,517	324,111	294,258	587,142
1,211,373	62,539,080	228,141	6,134,344	3,867,535	1,656,380	1,020,202
170,524	915,713	40,100	215,337	23,574	23,574	3,801
670,289	18,672,459	171,878	6,059,144	607,665	547,177	713,675
20,802	1,237,559	6,385	146,268	54,796	29,818	4,633
70,747	657,294	7,337	144,865	31,214	10,330	18,643
116,904	2,163,386	54,342	1,701,080	212,831	131,777	239,951
579,145	128,739,747	54,586	7,084,458	5,605,343	2,960,825	1,411,584
114,647	5,814,309	62,505	1,529,409	206,697	212,019	164,418
33,355	5,049,043	27,268	1,601,126	367,807	260,800	252,326
2,051,256	319,279,722	32,980	555,155	18,635,445	12,515,823	464,888
789,313	45,978,743	338,791	11,929,461	2,214,494	1,162,103	1,681,171
178,714	2,794,420	1,215,263	11,747,502	118,580	88,908	/ 89,763
95,870	1,911,321	10,802	178,534	79,830	67,717	62,344
524,802	16,823,561	710,224	13,196,934	679,149	611,412	809,602
3,409,858	39,377,500	82,977	961,865	1,628,358	1,586,738	154,949
108,691	3,647,909	22,471	634,877	202,769	125,603	139,296
1,256,572	255,787,020	399,905	27,616,636	10,624,663	6,659,921	3,976,304
(X)	175,214	6,894	48,947	10,370	4,030	20,996
2,233,380	82,567,302	289,632	10,371,907	2,614,803	2,004,382	1,136,342
198,210	7,290,864	55,242	1,654,637	310,246	250,345	356,933
2,242,499	484,800,973	21,239	4,169,436	33,163,721	19,816,031	1,064,533
88,148,232	25,707,373,092	26,550,556	1,748,210,593	1,158,220,359	580,252,061	312,502,864
43,863,238	14,609,738,426	13,349,522	865,846,491	664,700,500	338,121,218	159,863,409

(X) Included in Canadian National Railways. / Exclusive of 407,690 electric passenger car miles.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation Total for Year	Compensation Average Daily Compensation	Compensation Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	851	257,873	-------	5,311,402.57	20.597	----
2.	Division officers	1,098	350,043	-------	3,879,012.06	11.082	----
3.	Assistant engineers and draftsmen	997	296,079	-------	1,918,266.85	6.479	----
4.	Other miscellaneous officials	1,507	441,166	-------	3,687,004.15	8.357	----
5.	Clerks	16,396	4,849,286	-------	23,269,287.09	4.798	----
6.	Telephone switchboard operators	254	76,210	-------	227,751.92	2.988	----
7.	Office boys, messengers, attendants & misc. trades workers	1,158	336,399	-------	829,454.33	2.466	----
8.	Janitors and cleaners	1,052	306,222	-------	843,548.15	2.755	----
	Total ..... Days	23,313	6,913,278	-------	39,965,727.12	5.781	----
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	425	128,076	-------	756,941.72	5.910	----
10.	Carpenters and bridgemen	2,256	-------	5,325,732	3,264,419.38	---	.613
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	291	-------	711,580	508,916.14	---	.715
12.	Masons, bricklayers, plasterers and painters	225	-------	509,423	325,961.58	---	.640
13.	Helpers B. and B. department	199	-------	460,487	226,255.98	---	.491
14.	Apprentices B. and B. department	24	-------	65,774	28,441.64	---	.432
15.	Pile driver, ditching, hoist & steam shovel employees	326	-------	855,837	543,334.96	---	.635
16.	Pumpmen	567	-------	1,471,502	693,654.93	---	.471
17.	Extra gang and snow plough foremen	246	-------	660,138	471,405.75	---	.714
18.	Signal foremen	44	14,481	-------	109,370.95	7.553	----
19.	Section foremen	6,377	-------	15,988,409	9,525,126.62	---	.596
20.	Sectionmen	17,345	-------	42,294,336	17,988,572.08	---	.425
21.	Labourers	7,305	-------	17,615,826	5,265,976.78	---	.299
22.	Foremen - Linemen	52	16,709	-------	114,010.60	6.823	----
23.	Telegraph and telephone linemen and groundmen	192	-------	535,820	254,181.74	---	.474
24.	Signal and interlocker maintainers and repairmen	478	-------	1,282,069	862,750.49	---	.673
	Total ..... Hours	35,831	-------	87,776,933	39,958,998.07	---	.455
	Days	521	159,266	-------	930,323.27	6.155	----
	Total	36,352	-------	-------	40,939,321.34	---	----
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	58	18,320	-------	186,976.47	10.206	----
26.	Department and gang foremen	2,278	698,754	-------	5,488,340.45	7.854	----
27.	Blacksmiths	671	-------	1,259,833	995,982.41	---	.791
28.	Boilermakers	1,357	-------	2,578,088	2,078,599.83	---	.806
29.	Carmen (a)	2,428	-------	4,337,419	3,563,271.11	---	.822
30.	Carmen (b)	603	-------	1,069,635	888,384.68	---	.831
31.	Carmen (c)	6,986	-------	13,718,526	10,036,539.63	---	.732
32.	Carmen (d)	318	-------	557,720	413,709.15	---	.742
33.	Electrical workers	812	-------	1,699,360	1,296,701.01	---	.763
34.	Machinists	4,584	-------	8,504,983	6,819,391.26	---	.802
35.	Moulders	123	-------	212,560	175,684.97	---	.827
36.	Pipe fitters and sheet metal workers	1,089	-------	1,964,665	1,591,527.39	---	.810
37.	Helpers to mechanics	7,323	-------	13,985,234	8,091,319.54	---	.579
38.	Helper apprentices	74	-------	134,401	86,775.82	---	.646
39.	Regular apprentices	1,217	-------	2,062,813	1,033,344.92	---	.501
40.	Car cleaners	1,560	-------	3,697,331	1,608,216.97	---	.435

	Total	38,723	-------	-------	51,672,243.13	---	----
	TRANSPORTATION						
44.	Inspectors and sergeants of police	155	48,766	-------	333,668.56	6.842	----
45.	Constables and policemen	679	222,362	-------	1,114,911.31	5.014	----
46.	Storekeepers	144	44,446	-------	277,375.51	6.241	----
47.	Storemen	1,584	-------	3,302,527	1,681,555.54	---	.509
48.	Train despatchers and traffic supervisors	505	-------	1,304,773	1,606,374.82	---	1.231
49.	Supervisory agents and assistants	700	-------	1,780,983	1,465,119.99	---	.823
50.	Station agents - Non-telegraphers (small station)	173	-------	421,889	215,664.78	---	.511
51.	Station agents - Telegraphers and telephoners	5,778	-------	14,703,325	10,513,004.00	---	.715
52.	Signalmen (non-telegraphers) at interlockers	405	-------	1,013,547	544,625.15	---	.537
53.	Foremen in freight sheds	377	-------	933,089	633,833.96	---	.679
54.	Freight handlers and other station employees	4,225	-------	9,192,459	4,613,048.21	---	.502
55.	Labourers	365	-------	815,017	329,511.77	---	.404
56.	Dining car and restaurant inspectors, conductors & stewards	314	-------	926,107	608,207.76	---	.657
57.	Dining car and restaurant helpers & attendants	1,402	-------	4,174,016	1,550,459.29	---	.371
58.	News agents	5	1,469	-------	2,854.52	1.943	----
59.	Floating equipment employees	618	-------	2,042,800	812,261.30	---	.398
60.	Sleeping and parlour car inspectors and conductors	213	-------	592,863	428,199.53	---	.722
61.	Sleeping and parlour car porters	1,045	-------	2,983,368	1,151,845.83	---	.386
62.	Drawbridge operators	105	-------	277,382	147,535.78	---	.532
63.	Signalmen or watchmen at crossings (non-interlocked)	754	-------	1,966,888	779,450.28	---	.396
64.	Yardmasters and assistants	372	118,649	-------	1,064,109.99	8.969	----
65.	Switch tenders	404	140,247	-------	663,979.11	4.734	----
66.	Hostlers	534	175,811	-------	956,550.60	5.441	----
67.	Road passenger conductors	820	-------	2,033,861	2,358,379.71	---	1.160
68.	Road freight conductors	1,799	-------	4,717,026	4,773,401.70	---	1.012
69.	Road passenger brakemen, baggagemen and flagmen	1,835	-------	4,371,609	3,715,298.10	---	.850
70.	Road freight brakemen and flagmen	3,980	-------	9,678,550	7,608,579.61	---	.786
71.	Yard conductors and yard foremen	1,120	-------	2,952,724	2,475,376.65	---	.838
72.	Yard brakemen and helpers	2,367	-------	5,845,054	4,522,439.00	---	.774
73.	Road passenger engineers and motormen	1,079	-------	2,354,072	3,569,689.72	---	1.516
74.	Road freight engineers and motormen	2,206	-------	5,636,504	6,523,112.63	---	1.157
75.	Yard engineers and motormen	1,022	-------	2,972,872	2,595,612.95	---	.873
76.	Road passenger firemen and helpers	1,039	-------	2,199,566	2,588,443.03	---	1.177
77.	Road freight firemen and helpers	2,432	-------	5,645,243	4,915,688.63	---	.871
78.	Yard firemen and helpers	1,031	-------	2,969,239	2,022,137.23	---	.681
	Total ..... Hours	39,293	-------	97,807,353	74,748,856.95	---	.764
	Days	2,293	751,750	-------	4,413,449.60	5.871	----
	Total	41,586	-------	-------	79,162,306.55	---	----
79.	Express department	2,635	795,424	-------	4,148,269.70	5.215	----
80.	Radio department	80	24,018	-------	126,045.00	5.248	----
81.	Employees engaged in outside operations	11,880	-------	31,479,100	13,485,592.34	---	.428
	Grand Total ..... Hours	123,391	-------	289,325,162	174,190,373.57	---	.602
	Days	31,178	9,360,810	-------	55,309,131.61	5.909	----
	Total	154,569	-------	-------	229,499,505.18	---	----
82.	Total number of female employees (monthly average)	6,994					
83.	Total pay roll charged to operating expenses				209,795,335.01		
84.	Pullman, bridge and tunnel companies ..... Hours	422	-------	1,306,617	604,812.69	---	.463
	Days	20	7,227	-------	38,471.83	5.323	----
	Total	442	-------	-------	643,284.52	---	----

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1932

Freight originated on Canadian railways continued its decrease during 1932 and was only slightly above of the tonnage originated in 1928 and the receipts from foreign connections were less than half. Passenger traffic continued light and showed a drop of 20 per cent from 1931 records in passengers carried and 23 per cent in ger revenue. The number of passengers carried (21,099,582) was less than for any other year since 1902 when the y mileage was about 44 per cent of the 1932 mileage and the population of Canada was about half of the 1932 tion. Despite the use of rail motor cars and the reduction of passenger train mileage, the average passenger train e per train mile decreased to $1.57, as compared with $1.68 in 1931, $2.02 in 1930 and $2.33 in 1929. There was rage of only 37 passengers per train and 9 passengers per car, excluding express, postal and all cars in trains not used for carrying passengers, but including all passenger cars on mixed, motor and passenger trains.

Gross earnings for 1932 amounted to $293,390,415, including $216,738,424 from freight, $36,513,828 from ger receipts and $23,953,758 from other passenger train revenues. This was $65,158,967 less than the total for nd was only 52 per cent of the total for 1928. Operating expenses were as follows:

Maintenance of way and structures	$50,527,939
Maintenance of equipment	49,583,336
Traffic	13,233,968
Transportation - rail line	128,288,664
water line	860,291
Miscellaneous operations	2,992,185
General expenses	11,661,090
Transportation for investment - Cr.	479,098
Total	256,668,375

eft a net operating revenue of $36,722,040, as compared with $37,523,794 for 1931 and $73,508,239 for 1930. st charges increased during the year by $4,985,841, amounting to $117,718,043 and, after making all income additions ductions, the net income amounted to a debit of $98,392,043. For 1931 the debit was $81,480,027 and for 1930 it 7,640,229, but for the previous four years (1926 - 1929) credits were earned. No dividends on common stock were uring the year and preferred stock dividends were reduced from $5,273,590 in 1931 to $2,766,198. Sinking funds serves also were reduced from $5,171,166 in 1931 to $1,291,719 although this was considerably in excess of the e appropriations for sinking funds and reserves during the past ten years.

There was a net increase in the single track mileage during the year of 128.98 miles, of which 170.47 miles n Saskatchewan, 22.44 miles in Alberta and 2.44 miles in Ontario. There was a decrease of 46.87 miles in Quebec .06 miles in British Columbia. New mileage opened for operation amounted to 306.12 miles and at the end of the 46 miles were under contract and 290.76 miles were completed, but not opened for operation. This was exclusive 8 miles surveyed only in British Columbia.

Freight train loading increased from 509 revenue tons in 1930 to 514 tons in 1931 and to 517 tons in 1932, but it was still well below 557 tons for 1926 and 523 tons for 1929. The average freight receipt per ton mile was only 0.937 cent which was the lowest since the general rate increases became effective in 1918. The relative quantit of grain carried affects this average and in 1932 grain constituted a larger percentage of the total freight than for any other year during the past decade. The average passenger revenue per passenger mile of 2.54 cents was also the lowest since 1918.

Although grain is carried at a very low rate of slightly over half a cent per ton mile, the long haul which is about twice that of other freight, coupled with a fairly heavy tonnage, helped to offset large decreases in other commodities. Wheat was heavier than in 1931 by 1,680,530 tons, but other grains showed decreases and the total tonnage of agricultural products amounting to 18,901,021 was above the 1931 total by 714,506 tons. Animal products showed a decrease of 247,172 tons and mine products a decrease of 6,120,249 tons. Sand, gravel and crushed stone declined by 3,071,538 tons, or 58 per cent. Asphalt and crude petroleum also showed large percentage decreases. Bituminous coal was lighter by 1,772,418 tons, or 18 per cent, and anthracite coal decreased by 623,209 tons, or 20 per cent. Miss. pulpwood and lumber decreased 47 per cent, 32 per cent and 35 per cent, respectively, and total for products decreased by 2,230,937 tons, or 28 per cent. In the manufactures and miscellaneous group canned goods was the only commodity to show an increase and the total of 14,502,258 tons was less than for 1931 by 5,468,060 tons, or 27 per cent. The tonnage of iron, pig and bloom, was only 84,127 tons, or 41 per cent of the 1931 tonnage. Structu bar and sheet iron & steel, cement, brick, sewer pipe and drain tile were all less than half of the 1931 tonnages. Automobiles decreased by 343,131 tons, or 31 per cent; practically all of this was in imports.

All classes of freight cars in service at the end of the year were fewer in number and less in capacity than at the beginning of the year, but the average capacities increased, indicating a scrapping of old, small capaci equipment. There were 111 fewer locomotives in service and the average tractive power remained practically unchange at 37,132 pounds.

Fuel consumed by locomotives included 5,955,085 tons of bituminous coal as against 6,858,772 tons in 193 1,934 tons of anthracite coal, 51,294,671 gallons of fuel oil, which was an increase of 424,720 gallons over 1931, 12,144 gallons of gasoline. This was exclusive of 348,427 gallons of oil and 441,366 gallons of gasolene consumed rail motor cars, which were increases of 13,796 gallons and 164,787 gallons, respectively, over the 1931 consumption

The number of cross ties purchased during the year amounted to only 170,390 hard wood and 2,865,806 soft wood ties, as against 1,295,895 hard wood and 7,827,823 soft wood ties in 1931 and more than double this in 1929. There were, however, 2,961,798 treated and 5,996,835 untreated ties placed in track during the year.

Taxes accruing during the year amounted to $8,541,870 as against $9,164,531 in 1931, the main reductions occurring in Alberta, $286,120, and in income tax, $362,793.

During the year 7 passengers were killed in train accidents and 339 were injured. This was an average one killed in each 3 million passengers carried and one injured in each 62 thousand. Injuries to passengers range from scratches and bruises to more serious injuries. Two passengers were killed in collisions, two fell from trai two were killed getting on or off trains and one from other causes. There were 57 employees killed in train accid 37 of which were trainmen, 12 were trackmen, 5 were shopmen and 3 were other employees. The number of employees injured in train accidents was 957, a low record for the last twenty-two years. The time lost by these employees amounted to 30,280 days, or an average of 31.6 days each. This was the first year that the time lost has been col and compiled and these data will probably prove a better basis of comparison as to hazards than a simple count of employees injured, due to the great variation in the extent of injuries. In addition to accidents to passengers s

employees, 1 postal clerk, 170 trespassers and 69 non-trespassers were killed and 45 postal clerks, 288 trespassers and 226 non-trespassers were injured. These included 94 persons killed at highway crossings and 267 injured, which was an increase over 1931 records of 10 killed and a decrease of 54 injured. There were 78 motorists killed and 30 of these were killed at protected crossings. Nine persons riding in other vehicles were killed at unprotected crossings, but none at protected crossings. Also protected crossing accidents accounted for 46 motorists injured whilst 191 were injured at unprotected crossings. Compared with 1931 records, there was an increase of 10 motorists killed, but a decrease of 67 injured.

The total number of protected highway crossings increased from 1,376 urban to 1,381 and from 1,330 rural to 1,349 and the number of unprotected crossings increased from 29,042 to 29,242 during the year.

In non train accidents 22 persons were killed, including 16 trackmen, 2 stationmen, 1 shopman, 1 other employee and 2 other persons and 3,716 persons were injured, including 3 passengers, 1,692 trackmen, 432 stationmen, 1,258 shopmen, 292 other employees, 5 postal clerks and 34 other persons. The time lost by these employees amounted to 95,532 days, or an average of 26 days per injured employee.

Preliminary data on employees for 1932 were issued in a separate report, but corrections in the number of employees were subsequently received. The following should be substituted.

E R R A T A

RAILWAY EMPLOYEES - SALARIES AND WAGES

1 9 3 2

MAINTENANCE OF EQUIPMENT	Average Number of Employees	Average Number of Hours Worked during Year	Average Salaries and Wages per Employee per Year
			$
25. General foremen		No change	
26. Department and gang foremen		No change	
27. Blacksmiths	570	1,709	1,230.49
28. Boilermakers	1,169	1,713	1,289.11
29. Carmen (A)	1,948	1,412	1,058.32
30. Carmen (B)	552	1,280	982.33
31. Carmen (C)	5,676	1,812	1,233.81
32. Carmen (D)	237	1,569	1,085.65
33. Electrical workers	768	1,929	1,357.59
34. Machinists	3,923	1,657	1,239.62
35. Moulders	90	1,486	1,137.24
36. Pipe fitters and sheet metal workers	889	1,545	1,158.85
37. Helpers to mechanics	6,101	1,739	938.02
38. Helper apprentices	41	1,510	875.44
39. Regular apprentices	965	1,692	877.16
40. Car cleaners		No change	
41. Other unskilled employees		No change	
42. Unclassified labourers	2,481	1,803	694.77
43. Stationary engineers, firemen and oilers		No change	
Total - Hours	30,742	1,825	1,069.26
GRAND TOTAL - Hours	104,839	2,258	1,281.63

16/8/33--550

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1932.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Uncollectable Railway Revenues
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	977,760.64	1,037,829.87	- 60,069.23	40,601.12	-
2.	Alma and Jonquiere	61,450.62	48,201.53	13,249.09	658.34	-
3.	Brandon, Saskatchewan and Hudson Bay	33,808.15	86,430.67	- 52,622.52	758.71	-
4.	British Yukon	129,121.03	95,717.28	33,403.75	8,745.69	-
5.	Canada and Gulf Terminal	59,014.40	70,270.78	- 11,256.38	2,769.53	-
6.	Canada Southern	10,627,770.67	6,410,203.77	4,217,566.90	236,866.40	2,924.95
7.	Canadian National	139,948,317.45	134,300,983.09	5,647,334.36	3,712,944.36	105,744.91
8.	Canadian Pacific	123,509,369.95	99,671,078.23	23,838,291.72	4,171,416.31	4,234.62
9.	Central Vermont	157,796.00	172,566.94	- 14,770.94	1,547.62	2.41
10.	Crow's Nest Southern	13,650.77	39,736.23	- 26,085.46	7,980.30	-
11.	Cumberland	139,705.78	101,681.61	38,024.17	2,875.00	-
12.	Eastern British Columbia	102,505.38	100,716.59	1,788.79	2,959.20	-
13.	Essex Terminal	146,043.79	110,265.56	35,778.23	16,909.30	-
14.	Greater Winnipeg Water District	110,187.96	103,998.81	6,189.15	-	-
15.	Maine Central	7,480.98	11,347.59	- 3,866.61	695.82	-
16.	Maritime Coal Railway and Power Company	106,369.48	66,590.34	39,779.14	1,526.04	-
17.	Midland Railway of Manitoba	188,643.15	303,267.45	- 114,624.30	31,209.78	-
18.	Morrissey, Fernie and Michel	37,979.81	64,681.65	- 26,701.84	108.13	-
19.	Napierville Junction	333,618.46	270,851.61	62,766.85	5,463.21	-
20.	Nelson and Fort Sheppard	46,287.19	80,243.43	- 33,956.24	12,601.25	-
21.	Nipissing Central	276,674.79	208,180.94	68,493.85	2,495.48	-
22.	Northern Alberta	1,681,482.55	1,330,502.78	350,979.77	59,400.00	48.45
23.	Ottawa and New York	134,550.10	188,915.15	- 54,365.05	11,702.16	-
24.	Pacific Great Eastern	374,563.16	442,632.10	- 68,068.94	-	-
25.	Pere Marquette	3,135,541.59	1,874,979.40	1,260,562.19	3,081.99	880.81
26.	Quebec Railway Light and Power Company	273,044.05	330,151.60	- 57,107.55	16,029.66	-
27.	Roberval and Saguenay	230,759.14	136,515.19	94,243.95	4,683.95	43.00
28.	St. Lawrence and Adirondack	525,850.24	528,731.74	- 2,881.50	3,485.00	-
29.	Sydney and Louisburg	871,402.65	670,007.43	201,395.22	5,126.23	-
30.	Temiscouata	159,501.92	167,669.21	- 8,167.29	6,381.81	-
31.	Temiskaming and Northern Ontario	3,653,514.49	2,925,339.39	728,175.10	-	-
32.	Thousand Island	25,701.32	28,614.56	- 2,913.24	439.14	-
33.	Toronto, Hamilton and Buffalo	1,394,042.53	1,202,350.98	191,691.55	39,013.52	244.38
34.	Vancouver, Victoria and Eastern	286,575.67	360,875.77	- 74,300.10	129,674.97	-
35.	Wabash (in Canada)	3,630,329.60	3,126,246.12	504,083.48	1,719.75	-
36.	Total	293,390,415.46	256,668,375.39	36,722,040.07	8,541,869.77	114,123.53
37.	Canadian National (Can. and U.S.)	161,103,594.45	155,208,160.97	5,895,433.48	5,204,948.96	141,062.74

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1932.

Net Operating Income	Net Income From Outside Operations	Total Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
$	$	$	$	$	$	$	$
- 100,670.35	-	82,772.00	- 17,898.35	530,027.83	161,331.99	691,359.82	- 709,258.17
12,590.75	-	1,442.52	14,033.27	-	1,530.78	1,530.78	12,502.49
- 53,381.23	-	11,088.02	- 42,293.21	-	14,090.21	14,090.21	- 56,383.42
24,658.06	-	18,573.99	43,232.05	85,990.50	-	85,990.50	- 42,758.45
- 14,025.91	-	3,443.85	- 10,582.06	57,000.00	8,550.00	65,550.00	- 76,132.06
3,977,775.55	-	275,485.06	4,253,260.61	2,365.58	2,909,479.29	2,911,844.87	1,341,415.74
1,828,645.09	- 59,482.24	13,181,248.48	14,950,411.33	91,890,787.59	19,592,083.09	111,482,870.68	-96,532,459.35
19,662,640.79	379,718.43	6,236,600.18	26,278,959.40	19,889,348.76	5,381,729.76	25,271,078.52	1,007,880.88
- 16,320.97	-	16,177.73	- 143.24	26,370.32	16,366.01	42,736.33	- 42,879.57
- 34,065.76	-	11,713.07	- 22,352.69	-	22,768.06	22,768.06	- 45,120.75
35,149.17	-	-	35,149.17	-	8,734.81	8,734.81	26,414.36
- 1,170.41	-	-	- 1,170.41	-	8,496.13	8,496.13	- 9,666.54
18,868.93	-	25,167.30	44,036.23	21,000.00	-	21,000.00	23,036.23
6,189.15	-	-	6,189.15	-	8,306.00	8,306.00	- 2,116.85
- 4,562.43	-	68.90	- 4,493.53	2,849.00	129.61	2,978.61	- 7,472.14
38,253.10	1,948.19	-	40,201.29	3,919.53	4,631.00	8,550.53	31,650.76
- 145,834.08	-	34,421.28	- 111,412.80	-	118,566.14	118,566.14	- 229,978.94
- 26,809.97	-	1,291.68	- 25,518.29	-	-	-	- 25,518.29
57,303.64	-	2,442.28	59,745.92	1,873.11	43,459.86	45,332.97	14,412.95
- 46,557.49	-	15,300.98	- 31,256.51	90	9,153.89	9,154.79	- 40,411.30
65,998.37	-	2,530.67	68,529.04	-	120.00	120.00	68,409.04
291,531.32	- 5,299.65	1,117,690.95	1,403,922.62	1,268,960.70	145,976.31	1,414,937.01	- 11,014.39
- 66,067.21	-	4,509.78	- 61,557.43	-	59,792.86	59,792.86	- 121,350.29
- 68,068.94	3,280.57	7,249.93	- 57,538.44	2,888,743.88	86,634.01	2,975,377.89	- 3,032,916.33
1,256,599.39	-	161,637.88	1,418,237.27	341,616.15	955,796.37	1,297,412.52	120,824.75
- 73,137.21	-	-	- 73,137.21	-	-	-	- 73,137.21
89,517.00	-	1,171.56	90,688.56	93,100.00	42,543.26	135,643.26	- 44,954.70
- 6,366.50	-	1,416.64	- 4,949.86	48,962.82	185,659.79	234,622.61	- 239,572.47
196,268.99	-	-	196,268.99	-	17,767.99	17,767.99	178,501.00
- 14,549.10	-	2,189.39	- 12,359.71	-	7,646.17	7,646.17	- 20,005.88
728,175.10	-	61,149.71	789,324.81	321,442.12	151,654.75	473,096.87	316,227.94
- 3,352.38	-	900.46	- 2,451.92	-	86.62	86.62	- 2,538.54
152,433.65	-	230,169.98	382,603.63	243,684.48	179,535.04	423,219.52	- 40,615.89
- 203,975.07	-	383,126.12	179,151.05	-	268,025.91	268,025.91	- 88,874.86
502,363.73	-	-	502,363.73	-	540,546.67	540,546.67	- 38,182.94
28,066,046.77	320,165.30	21,890,980.39	50,277,192.46	117,718,043.27	30,951,192.38	148,669,235.65	-98,392,043.19
549,421.78	- 59,482.24	9,406,511.82	9,896,451.36	92,958,008.15	13,470,902.56	106,428,910.71	-96,532,459.35

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1932.

No.	Name of Railway	Miles of Road Operated At Dec. 31st.	Miles of Road Operated Average during Year	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Mileage of Revenue Mixed Trains #Freight	Mileage of Revenue Mixed Trains #Passenger	Special Revenue Train Mileage
1.	Algoma Central and Hudson Bay	322.77	323.75	100,349	-	74,668	23,579	525
2.	Alma and Jonquiere	10.60	10.60	-	-	-	-	-
3.	Brandon, Saskatchewan and Hudson Bay	84.72	84.72	14,620	-	2,812	7,352	276
4.	British Yukon	90.32	90.32	-	4,235	18,774	10,561	180
5.	Canada and Gulf Terminal	38.10	38.10	-	-	9,000	5,400	-
6.	Canada Southern	379.27	381.04	1,129,472	1,628,862	102,501	23,025	-
7.	Canadian National	21,790.24	22,051.77	18,290,079	14,863,615	2,940,981	779,425	11,850
8.	Canadian Pacific	16,670.30	16,888.00	16,558,495	16,991,436	2,416,148	511,554	10,916
9.	Central Vermont	25.33	25.33	19,944	52,080	-	-	71
10.	Crow's Nest Southern	53.75	53.32	8,528	3,959	834	206	-
11.	Cumberland	31.29	31.29	2,730	-	15,555	11,511	-
11a.	Detroit River Tunnel Co.	3.26	3.26	-	-	-	-	-
12.	Eastern British Columbia	13.04	13.04	-	-	8,921	605	-
13.	Essex Terminal	21.44	21.44	7,200	-	-	-	-
14.	Greater Winnipeg Water District	92.00	92.00	-	-	-	-	-
14a.	International Bridge and Terminal Co.	1.06	1.06	-	-	-	-	-
15.	Maine Central	5.10	5.10	3,078	-	1,996	1,214	-
16.	Maritime Coal Railway and Power Company	16.40	16.40	8,537	-	6,817	4,491	-
17.	Midland Railway of Manitoba	6.40	75.76	44,693	98,021	-	-	-
18.	Morrissey, Fernie and Michel	5.37	5.37	-	-	13,880	1,306	-
19.	Napierville Junction	28.45	43.04	20,944	104,011	-	-	-
20.	Nelson and Fort Sheppard	54.84	60.87	18,426	12,575	-	-	-
21.	Nipissing Central	59.74	59.74	23,007	45,084	15,932	1,064	65
22.	Northern Alberta	922.68	927.62	235,542	130,978	45,159	14,429	-
23.	Ottawa and New York	56.82	58.77	19,386	48,845	-	-	-
24.	Pacific Great Eastern	347.80	347.80	16,831	1,036	48,874	23,297	-
25.	Pere Marquette	199.04	337.10	596,040	40,605	95,534	21,284	-
26.	Quebec Railway Light and Power Company	25.55	25.55	13,580	11,952	19	6	-
27.	Roberval and Saguenay	44.34	44.34	7,045	5,874	13,833	3,847	20
28.	St. Lawrence and Adirondack	46.57	60.69	38,728	179,364	-	-	126
29.	Sydney and Louisburg	70.39	70.39	76,286	14,386	18,296	7,164	9,048
30.	Temiscouata	113.00	113.00	9,944	28,998	18,503	7,807	-
31.	Temiskaming and Northern Ontario	531.69	531.69	430,653	361,060	92,274	36,261	114
32.	Thousand Islands	4.51	4.51	10,680	15,112	-	-	-
33.	Toronto, Hamilton and Buffalo	103.62	111.03	90,595	126,472	19,116	2,864	-
33a.	Van Buren Bridge Co.	0.36	0.36	-	-	-	-	-
34.	Vancouver, Victoria and Eastern	186.65	241.42	23,851	51,657	15,885	4,932	-
35.	Wabash (in Canada)	-	245.40	943,943	174,918	-	-	-
36.	Total	xx42,436.81	++43,494.99	38,763,206	34,995,135	5,996,312	1,503,184	33,191
37.	Canadian National (Can. and U.S.)	-	-	21,357,120	17,397,020	3,079,111	816,032	15,238

Divided on car mileage basis. xx Duplication excluded ++ Duplications included.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1932.

	Total Revenue Train Mileage	Mileage of Non-Revenue Trains	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
							Freight Loaded	Freight Empty	
	199,121	10,085	295,201	60,713,721	17,106	1,338,791	1,800,304	1,238,793	362,636
	-	-	87,291	-	-	-	-	-	-
	25,060	560	15,672	1,065,942	5,220	166,870	32,133	21,220	24,041
	33,750	1,417	12,242	999,877	6,352	294,659	108,881	46,998	103,224
	14,400	-	29,259	504,356	22,625	388,541	36,997	19,993	14,400
	2,883,860	2,051	3,936,629	589,570,572	602,450	81,009,669	43,007,279	26,259,130	18,054,364
	36,885,950	688,816	28,387,472	11,321,381,317	9,761,422	632,465,682	482,960,817	250,672,280	120,072,112
	36,488,549	374,779	22,613,099	10,067,420,032	7,916,266	644,797,144	405,742,357	199,326,340	121,661,214
	72,095	245	340,449	11,797,371	95,202	2,139,903	528,395	363,399	353,510
	13,527	91	18,508	1,362,643	1,698	62,325	45,317	22,710	9,984
	29,796	-	405,201	2,348,337	15,124	135,296	77,943	77,943	53,748
	-	-	-	-	-	-	-	-	-
	9,526	653	267,670	3,355,429	2,155	27,070	69,389	71,109	9,526
	7,200	-	367,024	3,670,240	-	-	73,280	70,710	-
	-	-	157,265	-	7,090	356,376	-	-	-
	-	-	-	-	-	-	-	-	-
	6,288	30	76,542	390,364	1,032	5,263	18,023	9,543	3,220
	19,845	-	181,614	1,800,185	7,346	51,121	39,285	40,336	15,084
	142,714	-	60,916	4,944,343	25,794	1,459,098	257,042	232,143	528,395
	15,186	-	111,509	596,803	24,600	132,102	13,156	13,156	2,448
	124,955	1,156	433,192	12,080,057	128,860	4,478,794	382,376	352,900	656,393
	31,001	826	21,907	1,198,833	7,016	186,271	55,493	26,639	14,038
	85,152	1,506	139,512	3,547,025	59,147	1,966,385	287,629	185,385	235,914
	426,108	12,970	525,190	120,832,763	60,845	6,144,369	4,695,087	2,200,839	1,244,069
	68,231	83	80,734	3,885,623	49,005	1,257,760	145,537	119,571	146,624
	90,038	31,455	44,311	4,903,394	22,747	1,383,253	359,974	207,591	230,607
	753,463	293	1,877,610	278,929,787	18,727	306,358	15,725,182	10,844,011	344,154
	25,557	462	72,862	924,722	992,651	9,412,615	54,405	39,713	x 61,995
	30,619	493	145,783	3,035,011	6,210	108,687	121,880	102,852	42,133
	218,218	264	320,494	10,898,213	614,326	11,368,796	464,003	377,642	729,561
	125,180	-	2,625,879	30,718,844	54,831	622,084	1,330,544	1,300,239	114,180
	65,252	1,891	101,078	3,816,595	19,641	577,827	179,648	117,676	134,123
	920,362	63,190	890,458	183,333,821	285,851	20,019,721	8,045,465	4,244,450	2,577,869
	25,792	-	∤	100,316	3,765	26,731	7,790	2,890	15,112
	239,047	912	1,332,201	50,773,893	196,292	7,058,542	1,754,722	1,268,643	855,605
	-	-	-	-	-	-	-	-	-
	96,325	984	157,107	5,538,368	43,332	1,244,172	245,083	218,748	300,430
	1,118,861	938	1,593,224	350,285,518	24,854	4,967,226	26,425,795	15,630,777	873,796
	81,291,028	1,196,150	67,722,105	23,136,666,395	21,099,982	1,[illegible]	995,091,211	515,726,369	∮ 269,844,509
	42,664,521	701,004	34,376,605	12,817,308,963	10,364,194	686,127,762	558,647,346	296,919,208	136,121,706

- Exclusive of 371,662 electric passenger car miles. ∤ Included in Canadian National Railways.
- Exclusive of 10,322,580 passenger train car miles in freight trains, 202,254 passenger car miles in non-revenue trains, 2,102,772 car miles run by rail motor cars and 1,397,357 trailer miles in motor car trains.

TABLE 3. RAILWAY ACCIDENTS

(1) Train Accidents (Resulting from the movement of Trains, Locomotives or Cars).

Cause of Accident	Passengers		Employees		Postal Clerks and Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	1	38	-	-	1	38
Collisions	2	14	10	23	-	6	12	43
Derailments	-	9	6	17	3	2	9	28
Parting of trains	-	-	-	1	1	2	1	3
Locomotives or cars breaking down	-	-	-	2	-	-	-	2
Falling from trains, locomotives or cars	2	2	4	52	7	25	13	79
Getting on or off " " " "	2	107	3	169	26	93	31	369
Struck by trains, locomotives or cars-								
at Highway Crossings	-	-	(		x 94	x 267	94	267
at Stations	-	33	(		5	1	5	34
at other places on track	-	-	(16	23	61	59	77	82
Overhead obstructions	-	-	-	3	-	-	-	3
Other causes	1	174	17	629	43	104	61	907
TOTAL	7	339	57	957	xx 240	xx 559	304	1,855
Postal clerks xx					1	45		
Other persons - Trespassing					170	288		
Not trespassing					69	226		
TOTAL					240	559		
Struck at Highway Crossings x								
Pedestrians					7	7		
Motorists					78	237		
In other vehicles					9	23		
TOTAL					94	267		

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Trainmen	37	805	25,126
Switchtenders, crossing tenders, watchmen	-	8	151
Stationmen	-	12	723
Shopmen	5	25	745
Trackmen	12	43	1,918
Telegraph employees	-	28	860
Other employees	3	36	757
TOTAL	57	957	30,280

(2) Non Train Accidents

Cause of Accident	Killed	Injured
Handling traffic	1	194
Handling tools, machinery, etc.	-	719
Handling supplies	-	781
Getting on or off locomotives or cars at rest	1	111
Other causes	20	1,911
TOTAL	22	3,716

Class of Employee	Killed	Injured	
	No.	No.	Days
Stationmen	2	432	10,
Shopmen	1	1,258	33,
Trackmen	16	1,692	43,
Other employees	1	292	7,
TOTAL EMPLOYEES	20	3,674	95,
Passengers	-	3	
Postal clerks, etc.	-	5	
Other persons	2	34	
TOTAL	22	3,716	

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1933

Gross revenues of Canadian railways during 1933 amounted to $270,278,276 which was less than half the revenues of 1928 and was the lowest since 1916. Freight traffic was also the lightest since 1915, amounting to 21,092,594,200 revenue ton miles, as against 23 billion in 1932 and 41.6 billion in 1928. Passenger traffic has been declining rapidly since 1928 and reached the lowest point at 1,393,041,245 passenger miles since 1907 when passenger miles were first recorded. The number of passengers carried, which is not directly comparable year by year because of duplications when two or more roads carry the same passenger, reached a low point since 1900 at 19,172,193 passengers. The monthly reports of the larger roads, however, indicated improvements during the second half of the year in both revenues and traffic and, with reductions in operating expenses, net operating revenues also picked up from May on

Operating expenses were reduced from $256,668,375 in 1932 to $233,133,108 and were the lowest since 1918 when general increases in wages became effective. Net operating revenue amounted to $37,145,168 and was greater than in 1932 by $423,128. Railway taxes showed an increase over 1932 from $8,541,870 to $8,848,542, although they were lower than for any other year since 1924.

Of the 36 railways operating, 15 failed to earn operating expenses, 18 failed to earn operating expenses, taxes and uncollectable revenues and 23 reported corporate losses, including all income credits and debits. The net loss of all railways amounted to $98,495,119 which included $118,844,920 interest.

Data for the Winnipeg River Railway, which was a construction railway of the Manitoba Power Company but is operated as a common carrier, are included for the first time. The mileage of this railway was 13.40 miles and with this addition the total mileage was reduced from 42,436.81 miles on December 31, 1932, to 42,364.15 miles on December 31, 1933.

Tonnage of wheat alone decreased from 1932 traffic by 2,303,414 tons and all other agricultural products except corn, cotton and apples also showed decreases. Animal products increased from 2,180,459 tons to 2,319,026 tons, but mine products decreased from 19,503,194 tons to 18,382,039 tons, sand and gravel dropping from 1,402,078 tons to 677,865 tons. Forest products increased by 544,407 tons, or 9.5 per cent, cordwood and other firewood, pulpwood, lumber and other forest products all being heavier. Manufactures and miscellaneous freight amounted to 14,239,120 tons as against 14,502,258 tons in 1932. Gasolene decreased by 199,877 tons, or 14.7 per cent,

although the retail sales decreased only 3.3 per cent. Evidently a larger quantity was transported by boat and motor truck in 1933 than in 1932. Petroleum oils and other petroleum products except gasolene and asphalt also decreased by 69,726 tons, or 9.6 per cent. The large increases were 170,166 tons, or 29.3 per cent, in wood pulp, 160,865 tons, or 20.8 per cent, in automobiles and 179,819 tons, or 4.8 per cent, in miscellaneous unclassified freight.

The monthly average number of employees dropped from 132,678 in 1932 to 121,923 in 1933. This was the smallest staff working on Canadian railways since 1908 when the mileage was only 54 per cent of the 1933 mileage.

The pay roll chargeable to operating expenses amounted to $145,581,043, or $20,017,696 less than in 1932 and $119,088,109 less than in 1928. The average wages per hour for those on an hourly basis was 54.4 cents as against 56.8 cents in 1932 and the average daily wage for those on a daily, weekly or monthly basis was $5.390 as against $5.606 in 1932. In 1930, or before the cuts in basic rates were made, the average hourly rate was 59.5 cents and the average daily rate was $5.864. These averages are computed b dividing the total wages by the total time worked and consequently are not affected by short time worked.

During the year 8 passengers were killed in train accidents and 306 were injured. Fewer passengers were killed in 1932 and 1931, but this is the smallest number injured since 1919. A new low record for the past twenty five years was established in the numbe of employees killed in train accidents with a total of 41. In 1932, 57 were killed; in 1931, 42; in 1930, 81, and in previous years above this up to 298 in 1913. There was an increase in employees injured from 957 in 1932 to 985; both these years, however, were well below the previous 20 years. Postal clerks, etc., trespassers and non-trespassers brought the total up to 260 persons killed and 1,851 injured in train accidents. Highway crossing accidents accounted for 78 persons killed and 247 injured. Of the fatalities, 11 were pedestrians, 61 were motorists and 6 were occupants of other vehicles. Fifteen o the total were killed at protected crossings and 63 at unprotected crossings and 46 persons were injured at protected highway crossings and 201 at unprotected crossings. Persons killed in railway accidents other than train accidents numbered 20 and 3,522 wer injured, the majority of the injured being trackmen and shopmen. For the past two years data have been compiled showing the time absent from work for employees who were injured The comparative figures are shown on page 3.

TRAIN ACCIDENTS

	1932		1933	
	No.	Days absent	No.	Days absent
Trainmen	805	25,126	806	28,735
Switch tenders, crossing tenders & watchmen	8	151	11	299
Stationmen	12	723	15	560
Shopmen	25	745	38	1,296
Trackmen	43	1,918	45	2,066
Telegraph employees	28	860	48	976
Other employees	36	757	22	607
Total	957	30,280	985	34,539

NON TRAIN ACCIDENTS

Stationmen	432	10,949	420	10,430
Shopmen	1,258	33,552	1,215	30,779
Trackmen	1,692	43,371	1,642	41,931
Other employees	292	7,660	147	3,663
Total	3,674	95,532	3,424	86,803

TABLE I. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1933.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Uncollect Railway Revenue
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	990,420.68	964,710.26	25,710.42	40,285.02	
2.	Alma and Jonquiere	27,648.81	32,129.22	- 4,480.41	796.05	
3.	Brandon, Saskatchewan & Hudson Bay	36,774.67	80,680.37	- 43,905.70	861.05	
4.	British Yukon	123,790.30	89,774.39	34,015.91	8,750.34	
5.	Canada and Gulf Terminal	54,055.83	59,602.83	- 5,547.00	2,927.49	
6.	Canada Southern	11,117,318.23	6,483,327.54	4,633,990.69	251,232.28	7,037.
7.	Canadian National	126,701,228.43	122,572,229 97	4,128,998.46	4,020,644.66	98,955.
8.	Canadian Pacific	113,998,657.51	89,251,849.19	24,746,808.32	4,144,275.12	11,458.
9.	Central Vermont	102,562.00	142,150.13	- 39,588.13	1,936.42	
10.	Crow's Nest Southern	6,784.95	28,618.62	- 21,833.67	7,794.82	
11.	Cumberland	128,917.87	92,173.02	36,744.85	3,000.00	
12.	Eastern British Columbia	76,532.04	89,689.22	- 13,157.18	539.30	
13.	Essex Terminal	130,857.59	94,499.18	36,358.41	14,016.00	
14.	Greater Winnipeg Water District	131,725.47	97,151.83	34,573.64	...	
15.	Maine Central	7,574.12	9,975.69	- 2,401.57	702.42	
16.	Maritime Coal Railway & Power Co.	99,447.04	56,191.47	43,255.57	1,511.80	
17.	Midland Railway of Manitoba	171,038.15	314,372.78	- 143,334.63	28,538.81	
18	Morrissey, Fernie and Michel	14,182.02	21,455.48	- 7,273.46	5.90	
19	Napierville Junction	310,558.47	242,387.16	68,171.31	5,231.78	
20	Nelson and Fort Sheppard	65,524.42	71,081.75	- 5,557.33	12,385.63	
21	Nipissing Central	240,150.38	194,813.41	45,336.97	2,537.17	
22.	Northern Alberta	1,504,352.47	1,201,306.36	303,046.11	60,822.53	42
23	Ottawa and New York	119,010.82	176,914.70	- 57,903.88	12,584.54	
24	Pacific Great Eastern	557,980.52	480,998.42	76,982.10	...	
25.	Pere Marquette	3,236,356.29	1,956,779.75	1,279,576.54	23,473.07	372
26	Quebec Railway Light and Power Co.	238,969.48	285,390.41	46,420.93	12,167.47	
27	Roberval and Saguenay	226,816.53	119,825.28	106,991.25	4,201.39	
28	St. Lawrence and Adirondack	374,510.35	460,737.28	- 86,226.93	4,183.55	
29.	Sydney and Louisburg	1,022,519.64	780,844.49	241,675.15	4,682.81	
30	Temiscouata	149,591.34	146,915.10	2,676.24	4,932.67	
31	Temiskaming & Northern Ontario	3,226,372.74	2,521,897.28	704,475.46	...	
32.	Thousand Islands	24,248.58	25,667.61	- 1,419.03	409.18	
33.	Toronto, Hamilton & Buffalo	1,230,218.82	969,182.73	261,036.09	41,108.04	44
34	Vancouver, Victoria & Eastern	248,742.23	225,098.97	23,643.26	132,313.42	
35.	Wabash (in Canada)	3,574,779.65	2,780,034.92	794,744.73	Cr. 308.37	
36	Winnipeg River	8,058.03	12,650.98	- 4,592.95	...	
37	Total	270,278,276.47	233,133,107.79	37,145,168.68	8,848,542 36	118,31
38	Canadian National (Can. & U.S.)	148,519,742.43	142,812,559.22	5,707,183.21	5,270,248 18	106,27

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1933.

	Net Operating Income	Net Income from Outside Operations	Total Non-operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$	$
	- 14,574.60	...	92,626.80	78,052.20	528,545.00	168,821.05	697,366.05	- 619,313.85
	- 5,276.46	...	1,755.50	- 3,520.96	...	535.79	535.79	- 4,056.75
	- 44,766.75	...	10,906.83	- 33,859.92	...	12,174.45	12,174.45	- 46,034.37
	25,265.57	...	16,570.63	41,836.20	85,990.50	...	85,990.50	- 44,154.30
	- 8,474.49	...	1,870.77	- 6,603.72	57,000.00	8,550.00	65,550.00	- 72,153.72
	4,375,721.15	...	279,252.74	4,654,973.89	116,868.87	4,057,136.29	4,174,005.16	480,968.73
	9,398.12	- 172,974.12	10,977,529.70	10,813,953.70	91,675,550.80	15,190,257.22	106,865,808.02	-96,051,854.32
	20,591,075.12	886,112.70	8,342,585.08	29,819,772.90	20,712,464.61	7,850,147.52	28,562,612.13	1,257,160.77
	- 41,524.55	...	11,106.02	- 30,418.53	20,166.26	16,234.55	36,400.81	- 66,819.34
	- 29,628.49	...	4,426.47	- 25,202.02	...	22,410.44	22,410.44	- 47,612.46
	33,744.85	...	...	33,744.85	...	4,603.30	4,603.30	29,141.55
	- 13,696.48	...	...	- 13,696.48	...	7,162.23	7,162.23	- 20,858.71
	22,342.41	...	23,871.53	46,213.94	17,425.71	...	17,425.71	28,788.23
	34,573.64	...	...	34,573.64	...	13,714.50	13,714.50	20,859.14
	- 3,103.99	...	31.90	- 3,072.09	2,849.00	191.17	3,040.17	- 6,112.26
	41,743.77	- 2,093.20	...	39,650.57	5,048.98	3,809.00	8,857.98	30,792.59
	- 171,873.44	...	30,898.49	-140,974.95	...	119,112.53	119,112.53	- 260,087.48
	- 7,279.36	...	44.11	- 7,235.25	...	...	...	- 7,235.25
	62,939.53	...	- 405.22	62,534.31	0.12	46,658.60	46,658.72	15,875.59
	- 17,942.96	...	23,881.93	5,938.97	...	8,348.63	8,348.63	- 2,409.66
	42,799.80	...	3,318.27	46,118.07	...	148.00	148.00	45,970.07
	242,181.48	- 1,645.63	1,169,941.79	1,410,477.59	1,289,880.75	112,049.93	1,401,930.68	8,546.91
	- 70,488.42	...	5,760.79	- 64,727.63	...	49,681.92	49,681.92	- 114,409.55
	76,982.10	4,020.00	8,055.43	89,057.53	3,007,223.04	93,358.42	3,100,581.46	- 3,011,523.93
	1,255,730.55	...	12,391.07	1,268,121.62	335,153.80	1,018,371.72	1,353,525.52	- 85,403.90
	- 58,588.40	...	...	- 58,588.40	...	...	...	- 58,588.40
	102,789.86	...	943.14	103,733.00	93,100.00	16,775.91	109,875.91	- 6,142.91
	- 90,410.48	...	1,097.82	- 89,312.66	48,962.82	172,818.68	221,781.50	- 311,094.16
	236,992.34	...	...	236,992.34	...	23,720.93	23,720.93	213,271.41
	- 2,256.43	...	1,169.00	1,087.43	...	6,320.87	6,320.87	- 7,408.30
	704,475.46	...	33,920.57	738,396.03	594,989.37	119,633.00	714,622.37	23,773.66
	- 1,828.21	...	353.57	- 1,474.64	...	49.13	49.13	- 1,523.77
	219,479.39	...	188,440.76	407,920.15	253,700.53	171,658.76	425,359.29	- 17,439.14
	- 108,670.16	...	376,522.35	267,852.19	...	247,803.16	247,803.16	20,049.03
	795,053.10	...	...	795,053.10	...	598,540.03	598,540.03	196,513.07
	- 4,592.95	...	...	- 4,592.95	...	...	...	- 4,592.95
	28,178,311.57	713,419.75	21,618,867.84	50,510,599.16	118,844,920.16	30,160,797.73	149,005,717.89	-98,495,118.73
	330,663.54	-172,974.12	7,396,127.46	7,553,816.88	92,721,539.41	10,884,131.79	103,605,671.20	96,051,854

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1933.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage
		At Dec. 31st X	Average during Year ≠			ϕ Freight	ϕPassenger	
1.	Algoma Central & Hudson Bay	322.77	323.75	102,580	...	62,444	12,790	142
2.	Alma and Jonquiere	10.60	10.60	...	...	...	...	...
3.	Brandon, Sask. & Hudson Bay	84.72	84.72	14,171	...	2,205	3,662	276
4.	British Yukon	90.32	90.32	...	2,323	17,673	9,105	426
5.	Canada and Gulf Terminal	38.10	38.10	...	...	7,927	4,755	...
6.	Canada Southern	379.38	381.04	1,147,586	1,535,914	96,468	18,517	...
7.	Canadian National	21,785.83	21,941.17	15,964,829	14,007,319	3,015,743	853,074	17,204
8.	Canadian Pacific	16,640.10	17,030.10	14,735,198	15,144,380	2,279,934	411,931	5,859
9.	Central Vermont	25.33	25.33	13,098	50,736	...	...	...
10.	Crow's Nest Southern	33.75	53.32	...	9,839	3,216	2,007	...
11.	Cumberland	31.29	31.29	2,890	216	13,514	10,618	...
11a.	Detroit River Tunnel Co.	3.26	3.26	...	...	...	...	...
12.	Eastern British Columbia	13.04	13.04	...	...	8,996	782	...
13.	Essex Terminal	21.44	21.44	6,592	...	...	...	...
14.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...	...
14a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...	...
15.	Maine Central	5.10	5.10	1,768	...	2,711	475	...
16.	Maritime Coal, Railway & Power Co.	16.40	16.40	7,232	...	6,400	4,751	...
17.	Midland Railway of Manitoba	6.40	75.74	44,956	97,157	...	...	134
18.	Morrissey, Fernie & Michel	5.37	5.37	...	...	2,025	123	...
19.	Napierville Junction	27.15	43.04	20,625	95,076	...	...	...
20.	Nelson and Fort Sheppard	54.84	60.87	18,202	14,380	...	...	...
21.	Nipissing Central	59.74	59.74	8,957	44,652	16,373	1,141	...
22.	Northern Alberta	922.68	927.62	220,749	130,072	45,197	14,083	1,088
23.	Ottawa and New York	56.82	58.77	18,720	45,512	...	...	...
24.	Pacific Great Eastern	347.80	347.80	34,409	1,010	45,628	26,136	1,068
25.	Pere Marquette	198.63	336.69	685,420	...	79,315	19,841	29
26.	Quebec Railway, Light & Power Co.	25.37	25.37	21,598	11,510	...	...	...
27.	Roberval and Saguenay	29.04	32.01	4,294	2,609	12,135	1,527	...
28.	St. Lawrence and Adirondack	46.57	60.69	33,917	174,727	...	...	35
29.	Sydney and Louisburg	70.39	70.39	84,070	4,364	23,526	5,802	14,22
30.	Temiscouata	113.00	113.00	20,568	30,772	10,875	4,919	38
31.	Temiskaming & Northern Ontario	531.69	531.69	339,035	312,394	68,778	39,634	...
32.	Thousand Islands	4.51	4.51	9,060	13,761	...	...	...
33.	Toronto, Hamilton and Buffalo	103.62	111.03	83,378	115,198	18,244	3,566	...
33a.	Toronto Terminals	3.10	3.10	...	...	...	...	...
36.	Van Buren Bridge Co.	0.36	0.36	...	...	...	...	...
4.	Vancouver, Victoria and Eastern	149.18	233.70	23,734	51,056	13,182	5,124	7
35.	Wabash (in Canada)	...	245.40	980,339	47,352	...	...	...
36.	Winnipeg River	13.40	13.40	...	...	...	...	...
37.	Total	42,364.15	42,464.58	34,647,975	31,942,329	5,852,509	1,454,363	41,53
38.	Canadian National (Can. & U.S.)	23,490.80	23,743.11	19,094,866	16,052,377	3,180,381	880,448	20,79

X - Track operated under trackage rights excluded.

≠ - Track operated under trackage rights included for each railway but excluded in total.

ϕ - Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1933.

	Total Revenue Train Mileage	Mileage of Non-Revenue Trains	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
							Freight Loaded	Freight Empty	
	177,956	11,754	314,711	61,926,163	15,820	1,118,343	1,873,943	1,385,497	250,462
	...	...	23,779	...	...	...	...	...	...
	20,314	208	19,520	701,289	5,858	168,086	32,258	16,022	8,016
	29,527	1,106	11,720	959,908	6,160	290,681	95,062	57,042	94,050
	12,682	...	29,389	456,465	19,997	369,138	34,099	20,400	12,682
	2,798,485	3,111	3,982,736	627,662,708	553,570	97,811,160	45,208,058	27,729,325	17,155,834
	33,858,169	844,541	25,097,237	9,975,693,316	8,934,405	611,848,609	444,273,120	218,812,401	112,955,971
	32,577,302	432,300	22,019,834	9,353,117,592	7,173,527	613,760,424	386,788,886	190,239,744	106,106,076
	63,834	475	236,575	5,532,786	70,716	1,558,890	244,373	121,756	333,694
	15,062	237	3,799	345,978	1,438	58,399	11,565	5,805	30,192
	27,238	...	384,133	2,161,688	18,821	279,289	74,282	74,282	55,001
a.	...	...	...	...	...	...	...	...	...
	9,778	234	203,615	2,556,292	2,249	28,197	56,136	55,986	9,752
	6,592	...	337,211	3,372,100	...	...	67,790	64,040	...
	...	...	185,266	...	7,416	374,889	...	...	...
a.	...	...	...	...	...	...	...	...	...
	4,954	...	84,022	428,512	365	1,862	18,228	14,354	3,191
	18,383	...	160,395	1,565,025	9,104	64,720	33,754	35,923	14,872
	142,247	...	66,927	5,170,889	25,993	1,512,813	248,462	233,060	543,294
	2,148	...	58,752	315,498	2,700	14,499	8,110	8,110	966
	115,701	338	472,006	13,159,409	112,659	3,923,363	435,316	383,332	576,984
	32,582	986	33,575	1,379,579	7,989	200,004	62,255	38,385	15,655
	71,123	1,749	133,769	3,841,394	63,545	2,188,271	256,856	134,757	246,242
	411,189	9,972	427,530	100,786,808	54,609	5,448,717	4,034,447	1,945,373	1,164,236
	64,232	48	77,341	3,521,086	42,547	1,066,183	125,336	97,405	147,234
	108,251	33,919	60,396	7,127,054	33,053	2,252,392	489,224	303,127	309,090
	784,869	923	2,040,151	314,098,632	12,836	223,275	17,677,202	12,350,831	211,562
	33,108	1,094	55,681	770,906	864,339	8,392,622	49,252	37,010	1/ 55,869
	20,565	383	163,797	3,376,065	4,898	87,039	111,927	94,091	21,527
	209,003	666	235,694	7,327,490	582,386	10,107,012	347,017	277,987	667,089
	131,986	...	2,926,517	39,304,217	36,091	514,708	1,635,562	1,598,624	96,779
	67,522	2,248	98,250	3,754,036	21,126	661,645	183,236	130,328	119,817
	759,841	32,024	493,55	144,642,599	255,525	18,929,778	7,401,059	3,019,742	2,372,130
	22,821		2/	88,445	3,313	23,522	6,785	2,275	13,761
	220,386	508	112,60	42,449,081	168,756	6,116,412	1,596,786	1,083,720	776,815
a.	...	...		...	...	...	...	...	...
b.	...	...	...	...	...	...	...	...	...
	93,166	277	135,716	4,824,486	48,928	1,393,647	220,740	197,361	301,857
	1,027,691	310	1,623,487	360,176,704	10,325	2,252,656	26,541,692	16,322,821	284,128
	...	...	12,154	...	1,129	...	...	...	...
	73,938,707	1,379,451	4/57,364,025	21,092,594,200	19,172,193	1,393,041,245	940,242,818	476,890,916	3/244,954,828
	39,228,848	862,214	31,368,058	11,550,194,043	9,434,812	664,977,117	525,249,472	268,166,292	126,368,035

Exclusive of 321,304 electric passenger car miles.
Included in Canadian National Railways.
Exclusive of 9,073,008 passenger train car miles in freight trains. 172,314 passenger car miles in non-revenue trains, 2,422,929 car miles run by rail motor cars and 1,840,993 trailer miles in motor car trains.
Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1933.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total for Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	703	210,519	...	3,805,202.84	18.075	...
2.	Division officers	868	276,337	...	2,747,867.99	9.944	...
3.	Assistant engineers and draftsmen	445	134,503	...	963,806.75	7.166	...
4.	Other miscellaneous officials	1,350	408,682	...	3,164,354.24	7.743	...
5.	Clerks	13,316	4,053,140	...	18,023,643.84	4.447	...
6.	Telephone switchboard operators	220	66,487	...	183,403.26	2.758	...
7.	Office boys, messengers, attendants & misc. trades workers	958	280,282	...	622,084.05	2.219	...
8.	Janitors and cleaners	1,090	318,781	...	797,187.68	2.501	...
	Total .....Days	18,950	5,748,731	...	30,307,550.65	5.272	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	321	96,152	...	509,142.16	5.295	...
10.	Carpenters and bridgemen	1,636	...	3,879,741	2,160,172.66	...	.557
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	235	...	591,853	382,107.93	...	.646
12.	Masons, bricklayers, plasterers and painters	185	...	396,306	223,123.87	...	.563
13.	Helpers, B. and B. department	107	...	253,730	109,919.70	...	.433
14.	Apprentices, B. and B. department	18	...	39,312	15,297.41	...	.389
15.	Pile driver, ditching, hoist & steam shovel employees	221	...	542,265	296,947.16	...	.548
16.	Pumpmen	432	...	1,102,960	466,187.93	...	.423
17.	Extra gang and snow plough foremen	121	...	322,261	209,331.44	...	.650
18.	Signal foremen	22	6,790	...	50,437.41	7.428	...
19.	Section foremen	5,979	...	15,298,274	8,183,508.92	...	.535
20.	Sectionmen	14,771	...	35,293,704	13,606,169.88	...	.386
21.	Labourers	3,255	...	7,784,332	2,117,086.48	...	.272
22.	Foremen - Linemen	46	13,981	...	91,002.30	6.509	...
23.	Telegraph and telephone linemen and groundmen	79	...	202,052	97,575.89	...	.483
24.	Signal and interlocker maintainers and repairmen	382	...	993,370	618,543.35	...	.623
	Total .....Hours	27,421	...	66,700,160	28,485,972.62	...	.427
	Days	389	116,923	...	650,581.87	5.564	...
	Total	27,810	...	...	29,136,554.49	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	48	14,680	...	134,092.03	9.134	...
26.	Department and gang foremen	1,983	600,526	...	4,245,398.44	7.069	...
27.	Blacksmiths	583	...	966,790	655,947.81	...	.678
28.	Boilermakers	1,079	...	1,734,724	1,258,656.11	...	.726
29.	Carmen (a)	1,529	...	2,255,507	1,631,248.99	...	.723
30.	Carmen (b)	456	...	622,801	459,961.98	...	.739
31.	Carmen (c)	5,098	...	9,125,808	5,995,736.86	...	.657
32.	Carmen (d)	234	...	323,466	214,501.92	...	.663
33.	Electrical workers	714	...	1,365,285	932,456.45	...	.683
34.	Machinists	3,655	...	5,658,864	4,086,197.24	...	.722
35.	Moulders	94	...	119,492	89,752.43	...	.751
36.	Pipe fitters and sheet metal workers	826	...	1,215,370	877,593.39	...	.722
37.	Helpers to mechanics	5,626	...	9,218,495	4,807,357.26	...	.521
38.	Helper apprentices	21	...	32,134	15,799.73	...	.492
39.	Regular apprentices	1,111	...	1,469,724	808,437.46	...	.550

Total .....Hours		28,249	...	49,333,627	27,962,763.17	...	.567
Days		2,031	615,206	...	4,379,490.47	7.119	...
Total		30,280	...	...	32,342,253.64	...	...
TRANSPORTATION							
44. Inspectors and sergeants of police		136	45,105	...	282,371.74	6.271	...
45. Constables and policemen		586	191,503	...	893,512.10	4,666	...
46. Storekeepers		137	42,853	...	254,496.51	5,939	...
47. Storemen		1,310	...	2,518,227	1,153,510.44	...	.458
48. Train despatchers and traffic supervisors		430	...	1,098,480	1,167,206.21	...	1.063
49. Supervisory agents and assistants		605	...	1,546,316	1,161,144.49	...	.751
50. Station agents, non-telegraphers (small station)		176	...	456,618	146,616.91	...	.321
51. Station agents- telegraphers and telephoners		5,003	...	12,431,422	7,842,213.89	...	.631
52. Signalmen (non-telegraphers) at interlockers		353	...	897,396	416,206.07	...	.464
53. Foremen in freight sheds		321	...	813,298	503,625.97	...	.615
54. Freight handlers and other station employees		3,351	...	7,120,219	3,144,674.09	...	.442
55. Labourers		332	...	715,189	251,639.07	...	.352
56. Dining car and restaurant inspectors, conductors & stewards		230	...	656,850	390,022.32	...	.594
57. Dining car and restaurant helpers and attendants		885	...	2,433,341	778,483.17	...	.320
58. News agents		9	2,729	...	6,163.38	2.258	...
59. Floating equipment employees		519	...	1,747,784	618,557.58	...	.354
60. Sleeping and parlour car inspectors and conductors		144	...	378,154	239,360.17	...	.633
61. Sleeping and parlour car porters		752	...	2,095,307	731,034.79	...	.349
62. Drawbridge operators		87	...	225,290	110,086.33	...	.489
63. Signalmen or watchmen at crossings (non-interlocked)		645	...	1,667,015	595,214.74	...	.357
64. Yardmasters and assistants		287	94,825	...	773,855.41	8.161	...
65. Switch tenders		337	106,677	...	432,089.95	4.050	...
66. Hostlers		394	123,004	...	570,939.43	4.642	...
67. Road passenger conductors		634	...	1,506,082	1,546,360.40	...	1.027
68. Road freight conductors		1,425	...	3,672,127	3,210,132.59	...	.874
69. Road passenger brakemen, baggagemen & flagmen		1,422	...	3,157,984	2,375,916.15	...	.752
70. Road freight brakemen and flagmen		3,401	...	7,361,710	5,087,032.50	...	.691
71. Yard conductors and yard foremen		864	...	2,159,607	1,556,133.01	...	.721
72. Yard brakemen and helpers		1,985	...	4,367,077	2,909,310.83	...	.666
73. Road passenger engineers and motormen		824	...	1,734,793	2,323,151.28	...	1.339
74. Road freight engineers and motormen		1,759	...	4,460,572	4,432,521.45	...	.994
75. Yard engineers and motormen		792	...	2,212,995	1,656,081.95	...	.748
76. Road passenger firemen and helpers		822	...	1,605,315	1,661,340.54	...	1.035
77. Road freight firemen and helpers		2,032	...	4,428,739	3,338,931.74	...	.754
78. Yard firemen and helpers		835	...	2,213,632	1,291,353.37	...	.583
Total .....Hours		31,938	...	75,687,039	50,639,362.05	...	.669
Days		1,886	606,696	...	3,213,928.52	5.297	...
Total		33,824	...	...	53,853,290.57	...	...
79. Express department		2,234	640,855	...	3,097,430.18	4.833	...
80. Radio department		13	3,610	...	25,150.00	6.967	...
81. Employees engaged in outside operations		8,812	...	22,735,793	9,564,215.80	...	.421
GRAND TOTAL .....Hours		96,420	...	214,456,619	116,652,313.64	...	.544
Days		25,503	7,732,021	...	41,674,131.69	5.390	...
Total		121,923	...	...	158,326,445.33	...	...
82. Total number of female employees (monthly average)		4,750	...	...	.....	...	...
83. Total pay roll charged to operating expenses		...	...	...	145,581,042.89	...	...
84. Pullman, bridge and tunnel companies ...Hours		294	...	840,484	350,470.08	...	.417
Days		18	6,424	...	28,604.08	4.453	...
Total		312	...	...	379,074.16	...	...

TABLE 4.

RAILWAY ACCIDENTS

(1) Train Accidents (Resulting from the movement of Trains, Locomotives or Cars)

Cause of Accident	Passengers		Employees		Postal Clerks & Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	1	37	-	-	1	37
Collisions	-	5	6	17	-	1	6	23
Derailments	-	21	5	34	1	3	6	58
Parting of trains	-	-	-	1	-	-	-	1
Locomotives or cars breaking down	-	-	-	7	-	-	-	7
Falling from trains, locomotives or cars	1	7	4	75	2	7	7	89
Getting on or off trains, " " "	3	88	4	192	36	111	43	391
Struck by trains, locomotives or cars-								
at Highway Crossings	-	-	(		x 78	x 247	(	
at Stations	3	16	(15	23	5	8	(172	345
at other places on track	1	-	(		70	51	(	
Overhead obstructions	-	-	1	2	-	-	1	2
Other causes	-	169	5	594	19	135	24	898
TOTAL	8	306	41	982	≠ 211	≠ 563	260	1,851

≠ Postal clerks	2
Other persons - Trespassing	147
Not trespassing	62
TOTAL	211

x Struck at Highway Crossings	
Trainmen	-
Pedestrians	11
Motorists	61
In other vehicles	6
TOTAL	78

	39
	278
	243
	560

	4
	6
	222
	15
	xx 247

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Trainmen	24	806	28,735
Switchtenders, crossing tenders, watchmen	-	11	299
Stationmen	-	15	560
Shopmen	2	38	1,296
Trackmen	14	45	2,066
Telegraph employees	-	48	976
Other employees	1	22	607
TOTAL	41	985	34,539

xx - Including 3 trainmen riding on a speeder struck by an automobile.

(2) Non Train Accidents

Cause of Accident	Killed	Injured
	No.	No.
Handling traffic	2	259
Handling tools, machinery, etc.	1	746
Handling supplies	-	692
Getting on or off locomotives or cars at rest	-	99
Other causes	17	1,726
TOTAL	20	3,522

Class of Employee	Killed	Injured	
	No.	No.	Days absen
Stationmen	2	420	10,430
Shopmen	2	1,215	30,779
Trackmen	7	1,642	41,931
Other employees	1	147	3,663
TOTAL EMPLOYEES	12	3,424	86,803
Passengers	-	13	
Postal clerks, etc.	2	29	
Other persons	6	56	
TOTAL	20	3,522	

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1934

During 1934 gross revenues of Canadian railways were greater each month than in 933 and for the year amounted to $300,837,816, as against $270,278,276 for 1933; the atter was the low point since 1916. Operating expenses also showed an upward turn, ncreasing from $233,133,108 in 1933 to $251,999,667, and net operating revenues increased rom $37,145,168 in 1933 to $48,838,149. The balance to the profit and loss account was debit of $100,777,992 as against a debit of $117,339,379 in the preceding year. These nclude all interest, dividend, and sinking fund charges. Practically all items of evenues showed improvements over 1933, freight increasing from $201,501,382 to 227,277,477 and passenger receipts from $31,880,577 to $34,278,621. Also, all general perating expense accounts except traffic and transportation-water line showed increases, aintenance of equipment being greater by $6,042,486, or 12.6 per cent, maintenance f way and structures by $5,276,366, or 10.9 per cent, and transportation by $6,367,700, r 5.7 per cent. Taxes were reduced from $8,848,542 to $8,768,945, no dividends were aid on common or preferred stock and one railway wrote off $52,650 of preferred stock ividends which had accrued but were unpaid.

Of the 36 railways reporting, 11 failed to earn operating expenses and another arned operating expenses but not enough to pay taxes. This was an improvement over 1933 perations when 15 failed to earn operating expenses and 3 more failed to earn taxes also.

Interest charges amounted to $118,913,986 or $69,065 above the 1933 charges he annual losses of the Canadian National railways are now being charged against the ominion income and consequently the debt of the railway and annual interest charges are ot being increased by such losses.

The improvement of 1934 over 1933 was not continued on into 1935 according to he monthly reports of the larger railways. At the end of May net operating revenues re $2,879,986 below those of 1934.

During 1934 there was a net decrease in single track mileage operated of 65.7 les, 37.7 miles of which was in Ontario. The tonnage of revenue freight carried creased by 10,672,480 tons, or 18.6 per cent, over the 1933 tonnage. Agricultural oducts showed a small increase but mine products were heavier by 5,278,149 tons, or .7 per cent, all commodities listed showing increases. Bituminous coal was heavier 1,658,694 tons, or 21 per cent, and ores other than iron and copper increased by 074,930 tons, or 116 per cent; these latter are mostly short haul shipments. Forest

products increased from 6,264,957 tons in 1933 to 7,891,120 tons, all items showing substantial increases. Manufactures and miscellaneous showed an increase of 3,170,448 tons, or 22 per cent, all commodities except furniture, other paper and fish recording increases and the three losses were small.

Passenger traffic also showed recovery, passengers carried increasing by 7 per cent and passenger miles being greater by 10 per cent.

The number of employees increased from 121,923 for 1923, which was the smallest number employed since 1908, to 127,326, or by 4.4 per cent, and the pay roll was increased from $158,326,445 to $163,336,635, or by 3.2 per cent. The average wage for those on an hourly basis was 53.1 cents, ranging from 26.3 cents for maintenance of way and structures labourers to $1.387 for road passenger engineers. Employees on daily, weekly, monthly or annual salaries averaged $5.216 per day, ranging from $18.127 for executives, general officers and assistants to $2.254 for janitors and cleaners and $2.234 for office boys, messengers, attendants and miscellaneous trades workers.

During the year 16 passengers were killed, 13 of them in train collisions. This record has been exceeded only once in the past 25 years. In 1919 collisions accounted for 21 deaths and, in 1918 and 1920, 13 passengers were killed in train collisions. There were also 76 passengers injured in train collisions, 19 from train derailments and 322 from other causes, making a total of 417 as against 306 in 1933. The number of employees killed in train accidents increased from 41 in 1933 to 43, of which 23 were trainmen, 9 were trackmen, 3 were stationmen and 7 were shopmen. The number of employees injured increased from 985 in 1933 to 1,119, trainmen constituting by far the greatest number, viz., 938, or 84 per cent. All injuries to passengers are included, no matter how slight but for employees only injuries which keep the employee from his work for three days during the ten days following the accident are recorded.

Accidents at highway crossings showed a reduction in both fatalities and injuries. The number of persons killed was 74 which was the lowest since 1923. The number of persons injured, 227, was also the least since 1921. Motorists accounted for the majority of these accidents. During the year 63 motorists were killed, 52 of them at unprotected crossings and 11 at protected crossings, 2 of these at crossings protected by watchmen and 9 at crossings protected by electric bells. Two pedestrians were killed at crossings protected by gates and 3 pedestrians and 6 motorists were injured. In many cases motorists crash into lowered gates, breaking the gates and sometimes injuring themselves. Although these accidents are recorded as train accidents the motorist and pedestrian are not always blameless.

In railway accidents not resulting from the movement of trains, cars, or locomotives, which occur in shops, handling material, etc., 20 persons were killed, 14 of them being employees, and 4,094 were injured. The majority of these were trackmen handling rails, ties, etc.

The time absent from work by employees injured increased from 34,539 days in 1933 to 37,437 days in 1934 for injuries received in train accidents and from 86,803 days in 1933 to 110,197 days in 1934 for injuries received in non-train accidents. The average time absent from work for those injured in train accidents was 33 days and for those injured in non-train accidents was 27 days.

TRAIN ACCIDENTS

	1933		1934	
	Number Injured	Days Absent	Number Injured	Days Absent
Trainmen	806	28,735	938	29,037
Switch tenders, crossing tenders and watchmen	11	299	10	158
Stationmen	15	560	14	594
Shopmen	38	1,296	31	1,612
Trackmen	45	2,066	87	3,238
Telegraph employees	48	976	15	278
Other employees	22	607	24	2,520
Total	985	34,539	1,119	37,437

NON TRAIN ACCIDENTS

Stationmen	420	10,430	486	14,116
Shopmen	1,215	30,779	1,291	35,353
Trackmen	1,642	41,931	2,016	53,921
Other employees	147	3,663	267	6,807
Total	3,424	86,803	4,060	110,197

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1934.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Uncollecta Railway Revenues
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,251,711.64	1,120,518.59	131,193.05	39,854.40	.
2.	Alma and Jonquiere	71,717.14	52,942.98	18,774.16	729.99	.
3.	Brandon, Saskatchewan & Hudson Bay	33,685.29	82,690.85	- 49,005.56	762.67	.
4.	British Yukon	148,011.98	95,947.91	52,064.07	8,756.87	.
5.	Canada and Gulf Terminal	65,255.68	66,353.33	- 1,097.65	2,802.25	.
6.	Canada Southern (Lessor)	12,452,568.67	7,694,930.21	4,757,638.46	237,312.92	8,914.
7.	Canadian National	140,824,360.66	130,296,562.62	10,527,798.04	4,041,857.83	29,905.
8.	Canadian Pacific	125,642,229.47	97,081,831.19	28,560,398.28	4,059,146.10	17,954.
9.	Central Vermont	93,430.00	129,564.11	- 36,134.11	1,839.15	.
10.	Crow's Nest Southern	13,876.90	31,824.62	- 17,947.72	7,864.80	.
11.	Cumberland	156,609.32	113,319.99	43,289.33	3,250.00	.
12.	Eastern British Columbia	84,232.77	83,602.55	630.22	611.16	.
13.	Essex Terminal	162,968.11	112,553.19	50,414.92	16,523.29	321.
14.	Greater Winnipeg Water District	157,577.30	111,006.11	46,571.19	...	.
15.	Maine Central	8,746.59	12,158.13	- 3,411.54	699.18	.
16.	Maritime Coal, Railway & Power Co.	113,085.04	58,391.14	54,693.90	1,512.74	.
17.	Midland Railway of Manitoba	188,066.33	293,432.67	- 105,366.34	28,476.52	.
18.	Morrissey, Fernie & Michel	18,016.23	18,039.53	- 23.30	3.54	.
19.	Napierville Junction	376,191.15	283,466.21	92,724.94	8,118.07	4.
20.	Nelson and Fort Sheppard	97,836.49	84,105.30	13,731.19	12,329.23	.
21.	Nipissing Central	342,672.99	268,844.66	73,828.33	2,517.17	.
22.	Northern Alberta	1,923,859.62	1,271,891.02	651,968.60	52,146.76	17.
23.	Ottawa and New York	132,485.79	202,596.88	- 70,111.09	13,377.40	82.
24.	Pacific Great Eastern	658,962.47	533,429.64	125,532.83	...	616.
25.	Pere Marquette	3,650,666.19	2,235,033.43	1,415,632.76	20,838.66	70.
26.	Quebec Railway, Light & Power Co.	263,599.76	309,576.15	- 45,976.39	14,007.46	.
27.	Roberval and Saguenay	237,926.95	112,549.65	125,377.30	4,189.70	.
28.	St. Lawrence & Adirondack	409,284.82	528,902.59	- 119,617.77	3,911.84	254.
29.	Sydney and Louisburg	1,486,971.57	1,146,005.06	340,966.51	4,782.75	.
30.	Temiscouata	187,512.48	184,197.06	3,315.42	5,720.62	.
31.	Temiskaming & Northern Ontario	3,840,744.23	2,812,496.69	1,028,247.54	...	.
32.	Thousand Islands	28,690.74	26,321.75	2,368.99	426.35	.
33.	Toronto, Hamilton & Buffalo	1,434,072.66	1,250,357.41	183,715.25	46,778.89	55.
34.	Vancouver, Victoria & Eastern	262,670.79	276,731.11	- 14,060.32	126,765.25	
35.	Wabash (in Canada)	4,008,545.51	3,010,627.51	997,918.00	1,031.54	.
36.	Winnipeg River	8,972.40	6,865.33	2,107.07	...	.
	TOTAL	300,837,815.73	251,999,667.17	48,838,148.56	x 8,768,945.00	58,197.
37.	Canadian National (Can. & U.S.)	164,902,501.66	151,936,078.56	12,966,423.10	5,241,857.95	46,813

x Does not include taxes of Toronto Terminals Railway, amounting to $222,025.46, which are included under "Joint facilities rents" of Canadian National and Canadian Pacific Railways.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1934

Net Operating Income	Net Income from Outside Operations	Total Non-operating Income	Gross Corporate Income	Interest on Funded and Unfunded debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
$	$	$	$	$	$	$	$
91,338.65	...	66,574.00	157,912.65	526,625.00	176,310.11	702,935.11	- 545,022.46
18,044.17	...	1,874.09	19,918.26	...	4,577.14	4,577.14	15,341.12
- 49,768.23	...	17,281.38	- 32,486.85	...	11,258.96	11,258.96	- 43,745.81
43,307.20	...	16,920.97	60,228.17	85,990.50	...	85,990.50	- 25,762.33
- 3,899.90	...	1,661.05	- 2,238.85	57,000.00	8,550.00	65,550.00	- 67,788.85
4,511,410.62	...	276,285.74	4,787,696.36	173,214.89	3,873,263.70	4,046,478.59	741,217.77
6,456,034.99	37,017.07	10,306,026.78	16,799,078.84	91,025,737.88	11,274,614.33	102,300,352.21	-85,501,273.37
24,483,297.99	2,328,366.85	6,700,512.07	33,512,176.91	21,109,135.22	5,933,250.81	27,042,386.03	6,469,790.88
- 37,973.26	...	8,076.09	- 29,897.17	18,072.18	15,276.69	33,348.87	- 63,246.04
- 25,812.52	...	7,756.43	- 18,056.09	...	20,582.78	20,582.78	- 38,638.87
40,039.33	...	...	40,039.33	...	3,821.32	3,821.32	36,218.01
19.06	...	...	19.06	...	6,914.87	6,914.87	- 6,895.81
33,569.71	...	24,358.02	57,927.73	13,878.89	...	13,878.89	44,048.84
46,571.19	...	...	46,571.19	...	13,752.22	13,752.22	32,818.97
- 4,110.72	...	68.73	- 4,041.99	2,849.00	208.22	3,057.22	- 7,099.21
53,181.16	- 14,802.77	...	38,378.39	4,551.65	4,299.00	8,850.65	29,527.74
- 133,842.86	...	18,480.11	- 115,362.75	...	113,257.21	113,257.21	- 228,619.96
- 26.84	...	27.84	1.00	...	1.00	1.00	...
84,602.86	...	452.03	85,054.89	0.31	54,595.52	54,595.83	30,459.06
1,401.96	...	29,086.58	30,488.54	...	7,296.33	7,296.33	23,192.21
71,311.16	...	943.21	72,254.37	...	7,500.63	7,500.63	64,753.74
599,804.32	- 1,654.77	874,267.11	1,472,416.66	1,310,600.00	155,819.32	1,466,419.32	5,997.34
- 83,571.03	...	5,561.23	- 78,009.80	1,604.14	55,674.24	57,278.38	- 135,288.18
124,916.02	4,248.07	9,192.38	138,356.47	3,155,120.32	95,292.06	3,250,412.38	- 3,112,055.91
1,394,723.97	...	10,511.26	1,405,235.23	301,866.15	1,013,820.45	1,315,686.60	89,548.63
- 59,983.85	...	19,500.00	- 40,483.85	180,783.52	...	180,783.52	- 221,267.37
121,187.60	...	2,982.09	124,169.69	93,100.00	18,949.05	112,049.05	12,120.64
- 123,784.59	...	772.83	- 123,011.76	53,937.46	170,774.47	224,711.93	- 347,723.69
336,183.76	...	...	336,183.76	...	59,956.22	59,956.22	276,227.54
- 2,405.20	...	780.97	- 1,624.23	...	7,848.72	7,848.72	- 9,472.95
1,028,247.54	...	36,791.88	1,065,039.42	551,903.74	200,118.53	752,022.27	313,017.15
1,942.64	...	4,933.29	6,875.93	...	46.77	46.77	6,829.16
136,880.65	...	195,413.67	332,294.32	248,014.73	83,730.25	331,744.98	549.34
- 140,825.47	...	373,238.06	232,412.59	...	273,201.72	273,201.72	- 40,789.13
996,886.46	...	...	996,886.46	...	597,371.65	597,371.65	399,514.81
2,107.07	...	...	2,107.07	...	...	...	2,107.07
40,011,005.61	2,353,174.45	19,010,329.89	61,374,509.95	118,913,985.58	24,261,934.29	143,175,919.87	-81,801,409.92
7,677,751.91	37,017.07	7,295,649.09	15,010,418.07	92,017,381.99	8,494,309.45	100,511,691.44	-85,501,273.37

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1934.

No.	Name of Railway	Miles of Road Operated: At Dec. 31st X	Miles of Road Operated: Average during Year ≠	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Mileage of Revenue Mixed Trains: ø Freight	Mileage of Revenue Mixed Trains: øPassenger	Special Revenue Train Mileage
1.	Algoma Central & Hudson Bay	322.77	323.75	122,635	...	88,503	18,127	...
2.	Alma and Jonquiere	10.60	10.60	...	...	12,009	2,082	...
3.	Brandon, Saskatchewan & Hudson Bay	84.72	84.72	14,674	2,443	2,678	2,017	27
4.	British Yukon	90.32	90.32	...	3,563	20,241	10,899	22
5.	Canada & Gulf Terminal	38.10	38.10	...	...	9,871	5,923	..
6.	Canada Southern (Lessor)	380.83	381.15	1,251,667	1,465,524	83,243	16,509	..
7.	Canadian National	21,758.84	21,934.75	18,112,900	14,020,824	3,123,071	845,253	20,57
8.	Canadian Pacific	16,596.51	17,015.00	16,229,481	14,970,330	2,190,441	405,866	9,27
9.	Central Vermont	25.33	25.33	8,760	50,808	...	...	..
10.	Crow's Nest Southern	33.75	53.32	66	2,213	4,113	1,503	..
11.	Cumberland	31.29	31.29	4,000	216	17,672	12,280	..
12.	Eastern British Columbia	13.04	13.04	...	...	8,951	726	..
13.	Essex Terminal	21.44	21.44	8,742	...	...	...	..
14.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...	..
14a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...	..
15.	Maine Central	5.10	5.10	50	...	2,904	295	..
16.	Maritime Coal, Railway & Power Co.	12.20	12.20	7,055	...	8,318	2,992	..
17.	Midland Railway of Manitoba	6.40	75.74	45,932	97,224	...	...	..
18.	Morrissey, Fernie & Michel	5.37	5.37	3,222	...	...	...	..
19.	Napierville Junction	27.15	41.74	23,875	95,788	...	...	1
20.	Nelson and Fort Sheppard	54.84	60.87	18,861	10,350	...	...	..
21.	Nipissing Central	59.74	59.74	30,780	44,582	26,692	7,043	..
22.	Northern Alberta	922.68	927.62	281,573	131,484	45,422	13,890	..
23.	Ottawa and New York	56.82	58.77	18,900	22,026	1,077	24,363	..
24.	Pacific Great Eastern	347.80	347.80	30,771	1,067	50,541	37,372	..
25.	Pere Marquette	198.63	319.13	738,397	...	81,378	9,376	22
26.	Quebec Railway, Light & Power Co.	25.37	25.37	18,066	11,531	...	...	..
27.	Roberval and Saguenay	29.04	29.04	6,858	1,218	12,042	1,832	..
28.	St. Lawrence & Adirondack	46.57	60.69	35,841	178,708	...	...	..
29.	Sydney and Louisburg	70.29	70.29	111,130	4,364	25,676	4,954	17,46
30.	Temiscouata	113.00	113.00	29,648	27,923	6,864	5,588	47
31.	Temiskaming & Northern Ontario	514.69	514.69	396,188	331,080	77,670	33,133	..
32.	Thousand Islands	4.51	4.51	9,795	14,988	...	...	..
33.	Toronto, Hamilton & Buffalo	103.62	111.03	84,503	112,756	17,780	4,030	..
33a.	Toronto Terminals	3.10	3.10	...	...	...	...	..
33b.	Van Buren Bridge Co.	0.28	0.28	...	...	...	...	..
34.	Vancouver, Victoria & Eastern	149.18	150.48	23,009	51,550	9,158	2,033	
35.	Wabash (in Canada)	....	245.40	1,084,082	13,129	...	...	..
36.	Winnipeg River	13.40	13.40	3,300	...	...	...	..
37.	TOTAL	42,270.38	42,307.27	38,754,761	31,665,689	5,926,315	1,468,086	48,5
38.	Canadian National (Can. & U.S.)	23,475.23	23,675.91	21,466,660	16,027,908	3,299,640	876,784	25,4

X Track operated under trackage rights excluded.

≠ Track operated under trackage rights included in each railway but excluded in total.

ø Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1934.

Total Revenue Train Mileage	Mileage of Non-Revenue Trains	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles
						Freight Loaded	Freight Empty	
229,265	20,706	362,129	78,164,758	28,298	2,161,001	2,334,626	1,427,319	370,143
14,091	...	104,834	1,111,240	12,320	130,592	43,298	29,356	14,091
22,088	30	16,469	553,574	6,952	219,442	43,398	37,870	10,247
34,925	1,556	12,186	978,874	10,715	483,666	114,066	62,453	117,559
15,794	...	46,928	477,091	18,940	368,768	32,069	18,841	15,794
2,816,943	17,691	5,020,872	744,286,284	633,236	101,081,463	50,237,357	29,292,027	16,514,369
36,122,626	1,277,021	29,365,965	11,175,073,424	9,543,555	663,667,733	508,535,158	242,679,073	117,064,772
33,805,388	480,444	25,606,063	10,026,441,098	7,592,802	684,557,710	427,610,000	209,696,832	110,610,473
59,568	1,422	202,308	5,206,549	76,067	1,681,058	222,301	68,782	337,080
7,895	...	9,957	672,053	1,750	76,475	20,214	12,183	15,654
34,168	...	494,619	2,767,809	13,724	153,968	89,073	89,073	53,763
9,677	227	227,106	2,846,815	1,361	17,109	59,628	59,700	9,727
8,742	...	414,674	4,146,740	...	...	88,410	86,435	...
...	...	228,772	...	10,580	553,437	...	...	...
...	...	...	...	...	...	...	...	...
3,249	...	94,629	482,608	381	1,943	18,678	13,326	3,21
18,365	...	181,204	1,624,164	9,917	71,936	37,176	40,068	15,08
143,156	...	76,273	5,695,482	35,664	2,005,126	309,797	256,591	586,481
3,222	...	100,042	537,225	...	...	10,740	10,740	...
119,677	684	645,526	17,372,516	123,573	4,408,402	547,622	468,474	613,7
29,211	920	40,860	1,695,190	10,283	277,302	71,695	44,946	11,7
109,097	8,861	179,715	5,128,230	71,256	2,358,061	380,717	204,706	307,709
472,369	11,748	545,358	139,182,557	60,772	6,513,692	5,615,207	3,048,458	1,230,795
66,366	502	88,229	4,146,846	58,984	1,607,956	156,458	123,856	120,47
119,751	53,120	62,779	7,561,378	40,510	2,613,719	516,203	308,804	406,89
829,375	761	2,346,482	357,588,661	4,900	82,680	20,220,729	13,645,493	160,917
29,597	1,424	124,443	2,326,027	941,173	9,258,029	101,525	88,949	1/ 387,842
21,950	296	172,551	3,602,808	2,581	47,930	113,117	98,996	22,197
214,549	1,546	326,699	9,608,530	591,046	10,046,675	433,852	330,032	661,355
163,592	...	4,139,189	57,740,927	27,697	310,834	2,306,804	2,242,072	88,07
70,497	2,809	125,412	4,724,559	24,605	717,325	233,410	160,384	132,96
838,071	28,925	969,668	186,958,536	315,714	23,387,672	8,608,906	3,482,933	2,536,59
24,783	...	2/	121,836	3,677	26,107	7,220	2,575	14,9
219,069	1,004	1,348,355	49,886,916	188,982	6,891,837	1,832,472	1,189,240	817,
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
85,785	755	134,813	4,178,416	52,788	1,550,668	220,709	150,338	336,3
1,097,211	1,110	1,918,472	417,561,310	14,459	3,280,646	28,527,383	16,166,488	143,0
3,300	...	12,512	...	1,456	...	...	...	...
77,863,412	1,913,562	4/ 68,036,505	23,320,451,031	20,530,718	1,530,610,962	1059,700,018	525,637,413	3/ 253,731,68
41,696,453	1,313,474	36,966,232	12,949,545,743	10,079,911	723,058,814	598,030,613	297,329,663	130,763,0

1/ Exclusive of 332,559 electric passenger car miles.
2/ Included in Canadian National Railways.
3/ Exclusive of 10,311,309 passenger train car miles in freight trains, 216,278 passenger car miles in non-revenue trains, 2,372,055 car miles run by rail motor cars and 1,719,512 trailer miles in motor car trains.
4/ Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1934

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total for Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	683	207,886	...	3,768,283.97	18.127	...
2.	Division officers	874	276,679	...	2,745,121.12	9.922	...
3.	Assistant engineers and draftsmen	398	121,929	...	833,731.46	6.838	...
4.	Other miscellaneous officials	1,228	371,917	...	2,911,198.73	7.828	...
5.	Clerks	13,243	4,061,872	...	17,343,757.00	4.270	...
6.	Telephone switchboard operators	220	66,998	...	178,024.97	2.657	...
7.	Office boys, messengers, attendants & misc. trades workers	973	290,541	...	649,060.53	2.234	...
8.	Janitors and cleaners	1,179	332,741	...	749,909.03	2.254	...
	Total .....Days	18,798	5,730,563	...	29,179,086.81	5.092	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	343	105,137	...	526,470.08	5.007	...
10.	Carpenters and bridgemen	1,735	...	4,238,466	2,219,572.40	...	.524
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	247	...	632,255	386,066.53	...	.611
12.	Masons, bricklayers, plasterers and painters	235	...	516,558	277,952.42	...	.538
13.	Helpers, B. and B. department	153	...	357,822	149,561.66	...	.418
14.	Apprentices, B. and B. department	27	...	67,066	24,566.37	...	.366
15.	Pile driver, ditching, hoist & steam shovel employees	237	...	652,617	348,740.06	...	.534
16.	Pumpmen	426	...	1,106,743	442,057.68	...	.399
17.	Extra gang and snow plough foremen	175	...	481,400	300,901.25	...	.625
18.	Signal foremen	22	7,057	...	50,399.81	7.213	...
19.	Section foremen	5,955	...	15,216,478	7,764,665.73	...	.510
20.	Sectionmen	16,138	...	38,150,780	13,844,062.68	...	.363
21.	Labourers	5,077	...	12,450,534	3,274,284.71	...	.263
22.	Foremen - Linemen	42	14,245	...	88,941.32	6.244	...
23.	Telegraph and telephone linemen and groundmen	91	...	224,930	107,133.22	...	.476
24.	Signal and interlocker maintainers and repairmen	392	...	1,030,317	609,286.65	...	.591
	Total ..... Hours	30,888	...	75,125,966	29,748,851.36	...	.396
	Days	407	126,439	...	666,311.21	5.270	...
	Total	31,295	...	...	30,415,162.57	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	50	15,758	...	142,143.33	9.020	...
26.	Department and gang foremen	1,986	606,483	...	4,204,875.63	6.933	...
27.	Blacksmiths	577	...	1,004,820	680,415.75	...	.677
28.	Boilermakers	1,103	...	1,913,937	1,367,062.08	...	.714
29.	Carmen (a)	1,592	...	2,497,844	1,806,997.68	...	.723
30.	Carmen (b)	477	...	712,377	527,393.05	...	.740
31.	Carmen (c)	5,347	...	9,939,370	6,338,244.16	...	.638
32.	Carmen (d)	235	...	361,050	237,959.08	...	.659
33.	Electrical workers	727	...	1,436,155	950,846.32	...	.662
34.	Machinists	3,772	...	6,287,461	4,471,095.39	...	.711
35.	Moulders	96	...	143,742	108,857.27	...	.757
36.	Pipe fitters and sheet metal workers	842	...	1,370,766	978,220.77	...	.714
37.	Helpers to mechanics	5,738	...	10,174,107	5,166,895.23	...	.508
38.	Helper apprentices	21	...	43,621	18,853.36	...	.432
39.	Regular apprentices	1,166	...	1,738,849	957,708.23	...	.551
40.	Car cleaners	1,254	...	2,719,423	1,011,131.51	...	.372

Total	Hours	28,972	...	53,531,636	29,698,210.30	...	.555
	Days	2,036	622,241	...	4,347,018.96	6.986	...
	Total	31,008	...	...	34,045,229.26	...	...
TRANSPORTATION							
44. Inspectors and sergeants of police		135	44,327	...	265,682.36	5.994	...
45. Constables and policemen		559	181,900	...	818,142.35	4.498	...
46. Storekeepers		221	69,390	...	389,272.91	5.610	...
47. Storemen		1,361	...	2,818,733	1,232,754.72	...	.437
48. Train despatchers and traffic supervisors		429	...	1,099,942	1,180,540.65	...	1.073
49. Supervisory agents and assistants		597	...	1,532,875	1,138,681.46	...	.743
50. Station agents, non-telegraphers (small station)		164	...	432,879	136,297.43	...	.315
51. Station agents- telegraphers and telephoners		4,963	...	12,558,742	7,867,584.27	...	.626
52. Signalmen (non-telegraphers) at interlockers		327	...	829,417	383,525.68	...	.462
53. Foremen in freight sheds		332	...	846,118	496,075.49	...	.586
54. Freight handlers and other station employees		3,619	...	7,841,646	3,327,408.48	...	.424
55. Labourers		357	...	848,564	291,284.64	...	.343
56. Dining car and restaurant inspectors, conductors & stewards		224	...	634,583	352,510.12	...	.555
57. Dining car and restaurant helpers and attendants		949	...	2,640,237	803,694.73	...	.304
58. News agents		9	2,862	...	6,487.83	2.267	...
59. Floating equipment employees		492	...	1,673,126	582,871.36	...	.348
60. Sleeping and parlour car inspectors and conductors		145	...	381,988	233,368.89	...	.611
61. Sleeping and parlour car porters		770	...	2,149,864	720,095.60	...	.335
62. Drawbridge operators		84	...	220,579	103,912.08	...	.471
63. Signalmen or watchmen at crossings (non-interlocked)		600	...	1,553,087	529,580.41	...	.341
64. Yardmasters and assistants		295	98,224	...	777,833.72	7.919	...
65. Switch tenders		338	110,071	...	449,990.34	4.088	...
66. Hostlers		400	124,133	...	578,402.17	4.659	...
67. Road passenger conductors		612	...	1,433,718	1,565,209.58	...	1.092
68. Road freight conductors		1,532	...	4,105,858	3,637,882.61	...	.886
69. Road passenger brakemen, baggagemen & flagmen		1,382	...	3,077,749	2,394,796.87	...	.778
70. Road freight brakemen and flagmen		3,662	...	8,311,569	5,803,097.32	...	.698
71. Yard conductors and yard foremen		903	...	2,369,687	1,720,945.02	...	.726
72. Yard brakemen and helpers		2,120	...	4,795,940	3,229,181.08	...	.673
73. Road passenger engineers and motormen		790	...	1,692,268	2,347,387.15	...	1.387
74. Road freight engineers and motormen		1,902	...	4,924,501	5,028,543.30	...	1.021
75. Yard engineers and motormen		837	...	2,439,804	1,855,475.85	...	.761
76. Road passenger firemen and helpers		784	...	1,570,694	1,689,148.03	...	1.075
77. Road freight firemen and helpers		2,188	...	4,897,710	3,789,463.86	...	.774
78. Yard firemen and helpers		893	...	2,431,297	1,441,788.51	...	.593
Total	Hours	33,018	...	80,113,175	53,883,105.19	...	.673
	Days	1,957	630,907	...	3,285,811.68	5.208	...
	Total	34,975	...	...	57,168,916.87	...	...
79. Express department		2,228	644,515	...	2,972,487.68	4.612	...
80. Radio department		...	...	...	...	...	...
81. Employees engaged in outside operations		9,022	...	22,755,006	9,555,751.73	...	.420
GRAND TOTAL	Hours	101,900	...	231,525,783	122,885,918.58	...	.531
	Days	25,426	7,754,665	...	40,450,716.34	5.216	...
	Total	127,326	...	...	163,336,634.92	...	...
82. Total number of female employees (monthly average)		4,879	...	...	...	...	...
83. Total pay roll charged to operating expenses		...	...	...	156,755,213.89	...	...
84. Pullman, bridge and tunnel companies	Hours	309	...	888,668	379,070.77	...	.427
	Days	18	6,439	...	32,898.67	5.109	...
	Total	327	...	...	411,969.44	...	...

TABLE 4.

RAILWAY ACCIDENTS

(1) Train Accidents Resulting from the Movement of Trains, Locomotives or Cars

Cause of Accident	Passengers		Employees		Postal Clerks & Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	2	45	-	-	2	45
Collisions	13	76	3	23	-	3	16	102
Derailments	-	19	6	34	5	18	11	71
Parting of trains	-	-	-	7	-	3	-	10
Locomotives or cars breaking down	-	-	-	2	-	-	-	2
Falling from trains, locomotives or cars	1	6	3	82	8	17	12	105
Getting on or off " " " "	-	100	4	216	28	88	32	404
Struck by trains, locomotives or cars-								
at Highway Crossings	-	-	(		X 74	X 227	(	
at Stations	-	34	(17	39	10	4	(191	355
at other places on track	1	-	(		89	51	(	
Overhead obstructions	-	-	-	1	-	-	-	1
Other causes	1	182	8	670	22	159	31	1,011
TOTAL	16	417	43	1,119	≠ 236	≠ 570	295	2,106

≠ Postal Clerks	1	62
Other persons - trespassing	158	235
not trespassing	77	273
TOTAL	236	570

X Struck at Highway Crossings-		
Pedestrians	5	6
Motorists	63	211
In other vehicles	6	10
TOTAL	74	227

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Trainmen	23	938	29,037
Switchtenders, crossing tenders, watchmen	-	10	158
Stationmen	3	14	594
Shopmen	7	31	1,612
Trackmen	9	87	3,238
Telegraph employees	-	15	278
Other employees	1	24	2,520
TOTAL	43	1,119	37,437

(2) Non Train Accidents

Cause of Accident	Killed	Injured
	No.	No.
Handling traffic	-	275
Handling tools, machinery, etc.	5	937
Handling supplies	-	834
Getting on or off locomotives or cars at rest	-	90
Other causes	15	1,958
TOTAL	20	4,094

Class of Employee	Killed	Injured	
	No.	No.	Days
Stationmen	1	486	11
Shopmen	4	1,291	3
Trackmen	5	2,016	5
Other employees	4	267	
TOTAL EMPLOYEES	14	4,060	11
Passengers	-	15	
Postal Clerks	-	6	
Other Persons	6	13	
TOTAL	20	4,094	

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1935

Although railway gross earnings in 1935 did not show gains each month over corresponding revenues of the previous year, as they did in 1934, the declines in March, May and June were more than offset by increases in the other nine months and the total increased from $300,837,815 in 1934 to $310,107,155, or by 3.1 per cent. Operating expenses, however, increased at a greater rate, or from $251,999,667 in 1934 to $263,942,899, which reduced net operating revenues from $48,838,148 to $46,164,255, and the net corporate loss of all railways before deducting dividends and reserves was greater by $1,868,761, increasing from $81,738,164 to $83,606,925. This includes all interest on Canadian National Railway bonds and Government loans and income of subsidiary lines in the United States and in Canada. Freight revenues were larger than in 1934 by $8,229,202, or 4 per cent, but passenger revenues increased by only $262,606, or by less than one per cent, and excess baggage, sleeping car and parlour and chair car receipts declined. Express and milk revenues also declined but mail revenue increased by $100,442, or 1.5 per cent. Taxes increased from $8,990,970 in 1934 to $9,072,259.

Miles of road operated at the close of the year showed a net increase of 646.07 including 510.07 miles of the Hudson Bay Railway which is included as an operating railway for the first time since 1926. The accounts of this railway were removed from those of the Canadian National Railways in 1926 when the railway was turned back to the Dominion Government for completion and has since been considered as under construction. Statistics for this road for 1935 are for the last nine months of the year. The Canadian National reported a net decrease of 50.62 miles, the Canadian Pacific, a net increase of 251.90 miles, the Vancouver, Victoria and Eastern, a decrease of 38.73, and the Eastern British Columbia with 13.04 miles ceased operation. During the year a total of 272.4 miles of new road was opened for operation exclusive of the 510.07 miles of the Hudson Bay Railway. At the close of the year 136.07 miles of old road were not being operated, 65.66 miles were constructed but not yet opened for operation, 302.13 miles were under contract and 63.8 miles had been surveyed only

Equipment showed some substantial reductions due largely to scrapping obsolete cars. Freight cars decreased from 195,052 to 176,760, or by 10.3 per cent, but the average capacity increased from 40.188 tons to 41.047 tons. Passenger cars were reduced from 7,286 to 6,669, rail motor cars being increased from 96 to 99 but all other classes being decreased. During the year 4 locomotives were added and 292 were retired and the average tractive power was raised from 37,543 pounds to 38,140 pounds.

Revenue freight tons carried and ton miles both increased and, although the number c passengers carried showed a slight decrease, passenger miles increased by a small margin.

The average number of employees increased from 127,326 to 127,526 and the pay roll increased from $163,336,634 in 1934 to $172,956,217. A reduction in basic rates of pay of 15 per cent was made in 1933 and was carried through to January 1, 1935, when 3 per cent was restored and another 2 per cent was restored on May 1, 1935. Somewhat corresponding reductions and restorations were made in salaries. The effect of these changes raised the average hourly pay of all classes of employees except maintenance of equipment regular apprentices and news-agents, the increase for employees on hourly rates bei from 53.1 cents in 1934 to 55.7 cents per hour and for employees on daily and monthly rates from $5.216 per day to $5.442 per day. Other factors also enter into these increa The average number of employees is the sum of the counts made each month divided by 12 and consequently does not reflect short time. The number of hours and days worked is the total of full time and part time positions. Reducing the hours to days on an eight-hour basis and adding to the days worked shows only slightly over one per cent increase in actual employment in time for less than a sixth of one per cent increase in the average number of employees.

The number of ties laid in tracks during the year increased from 8,068,176 in 1934 to 12,948,833, or by 60 per cent.

The number of passengers killed in train accidents dropped from 16 in 1934 to 10. None of these was killed in collisions or derailments, but 8 were killed falling from cars and getting on and off cars. The number of passengers injured increased from 417 in 1934 to 432. The number of employees killed remained the same as in the previous year at 43 and the number injured decreased from 1,119 to 1,026. The number of other persons killed in train accidents increased from 236 to 269, due largely to a greater number of pedestrians and motorists being struck at highway crossings. The number of motorists killed increased from 63 to 106 and the number injured increased from 211 to 213. Railway employees were absent from their duties because of injuries received in accidents (train and non-train) for 150,615 days as against 147,634 days in 1934.

These accidents include all accidents in which railway trains were involved and accidents on railway property. The classification of accidents used in the Bureau's vi statistics classes collisions between motor vehicles and trains as motor vehicle accidents; also provincial statistics of motor vehicle accidents class these as motor vehicle accidents and consequently adjustments should be made when compiling total accidental deaths of all kinds or comparing results of accidents of different kinds, such as train and motor vehicle.

TRAIN ACCIDENTS

	1934		1935	
	Number Injured	Days Absent	Number Injured	Days Absent
rainmen	938	29,037	896	28,170
witch tenders, crossing tenders and watchmen	10	158	3	160
tationmen	14	594	8	196
hopmen	31	1,612	23	1,017
rackmen	87	3,238	64	3,392
elegraph employees	15	278	..	...
ther employees	24	2,520	32	1,043
Total	1,119	37,437	1,026	33,978

NON TRAIN ACCIDENTS

tationmen	486	14,116	491	13,811
hopmen	1,291	35,353	1,377	37,602
rackmen	2,016	53,921	2,105	58,771
ther employees	267	6,807	222	6,453
Total	4,060	110,197	4,195	116,637

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1935

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Uncollectable Railway Revenues
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,560,817.44	1,374,749.97	186,067.47	41,187.54	1,051.52
2.	Alma and Jonquiere	68,568.10	52,882.09	15,686.01	855.94	...
3.	Brandon, Saskatchewan & Hudson Bay	33,855.57	77,358.31	- 43,502.74	729.58	...
4.	British Yukon	166,932.28	107,098.09	59,834.19	8,752.98	...
5.	Canada and Gulf Terminal	72,698.70	65,533.65	7,165.05	3,369.57	...
6.	Canada Southern (Lessor)	12,813,834.86	7,729,587.75	5,084,247.11	311,996.29	7,762.39
7.	Canadian National	144,596,515.82	135,094,078.71	9,502,437.11	3,944,445.06	77,874.11
8.	Canadian Pacific	128,962,239.09	103,158,541.67	25,803,697.42	4,109,583.43	13,255.50
9.	Central Vermont	147,927.01	159,973.45	- 12,046.44	2,697.09	...
10.	Crow's Nest Southern	18,124.44	37,687.57	- 19,563.13	8,054.54	...
11.	Cumberland	153,476.85	120,235.86	33,240.99	3,300.00	...
12.	Eastern British Columbia	4,856.60	16,731.33	- 11,874.73	272.35	...
13.	Essex Terminal	219,358.50	141,441.64	77,916.86	20,779.88	269.50
14.	Greater Winnipeg Water District	151,078.02	107,762.14	43,315.88	...	...
15.	Hudson Bay	295,483.53	384,152.81	- 88,669.28	155.70	...
16.	Maine Central	8,632.81	10,619.98	- 1,987.17	697.74	...
17.	Maritime Coal, Railway & Power Co.	108,835.35	62,209.69	46,625.66	1,453.75	...
18.	Midland Railway of Manitoba	210,189.90	321,712.81	- 111,522.91	30,101.21	...
19.	Morrissey, Fernie and Michel	28,693.94	28,702.73	- 8.79	3.54	...
20.	Napierville Junction	371,419.73	263,816.20	107,603.53	11,322.96	...
21.	Nelson and Fort Sheppard	102,462.48	76,107.25	26,355.23	12,544.18	...
22.	Nipissing Central	359,327.46	339,260.82	20,066.64	2,517.17	...
23.	Northern Alberta	1,835,062.49	1,418,326.05	416,736.44	51,895.01	Cr. 0.06
24.	Ottawa and New York	131,629.75	208,109.43	- 76,479.68	12,777.12	...
25.	Pacific Great Eastern	591,388.50	531,366.05	60,022.45	....	...
26.	Pere Marquette	3,979,455.09	2,353,289.56	1,626,165.53	38,135.01	1,402.28
27.	Quebec Railway, Light & Power Co.	247,823.73	301,014.20	- 53,190.47	14,133.40	...
28.	Roberval and Saguenay	312,631.28	132,499.97	180,131.31	4,167.27	...
29.	St. Lawrence and Adirondack	356,794.89	538,011.81	- 181,216.92	4,426.68	186.58
30.	Sydney and Louisburg	1,310,369.19	1,028,519.05	281,850.14	4,713.08	...
31.	Temiscouata	177,497.73	167,991.00	9,506.73	6,074.12	...
32.	Temiskaming and Northern Ontario	4,057,147.89	2,713,626.05	1,343,521.84	...	...
33.	Thousand Islands	27,408.37	27,769.96	- 361.59	346.03	...
34.	Toronto, Hamilton and Buffalo	1,493,277.22	1,189,491.73	303,785.49	68,276.95	50.06
35.	Vancouver, Victoria and Eastern	333,258.90	272,836.66	60,422.24	122,022.10	...
36.	Wabash (in Canada)	4,791,555.82	3,325,824.32	1,465,731.50	1,219.72	...
37.	Winnipeg River	6,525.91	3,979.15	2,546.76	....	...
38.	Total	310,107,155.24	263,942,899.51	46,164,255.73	ƒ8,843,006.99	101,851.88
39.	Canadian National (Can. & U.S.)	173,184,501.82	158,926,248.66	14,258,253.16	5,209,133.04	94,037.61

ƒ Does not include taxes of Toronto Terminals Railway amounting to $229,252.16 which are included under "Joint Facilities Rents" of the Canadian National and Canadian Pacific railways.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1935

No.	Net Operating Income	Net Income from Outside Operations	Total Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$	$
1.	143,828.41	...	143,828.41	208,875.31	527,787.19	183,799.22	711,586.41	- 502,711.10
2.	14,830.07	...	14,830.07	16,120.52	...	1,719.53	1,719.53	14,400.99
3.	- 44,232.32	...	- 44,232.32	- 43,705.32	...	16,070.86	16,070.86	- 59,776.18
4.	51,081.21	...	51,081.21	67,881.26	85,990.50	...	85,990.50	- 18,109.24
5.	3,795.48	...	3,795.48	6,171.00	65,550.00	...	65,550.00	- 59,379.00
6.	4,764,488.43	...	4,764,488.43	5,038,048.83	165,357.10	3,785,324.49	3,950,681.59	1,087,367.24
7.	5,480,117.94	101,770.76	5,581,888.70	14,698,662.63	89,397,226.08	10,129,294.92	99,526,521.00	-84,827,858.37
8.	21,680,858.49	1,714,806.11	23,395,664.60	30,813,897.10	20,542,710.29	7,439,103.00	27,981,813.29	2,832,083.81
9.	- 14,743.53	...	- 14,743.53	55,639.17	25,477.62	30,161.55	55,639.17	...
10.	- 27,617.67	...	- 27,617.67	- 27,599.67	...	23,989.07	23,989.07	- 51,588.74
11.	29,940.99	...	29,940.99	29,940.99	...	3,733.45	3,733.45	26,207.54
12.	- 12,147.08	...	- 12,147.08	- 12,147.08	...	1,877.78	1,877.78	- 14,024.86
13.	56,867.48	...	56,867.48	83,199.11	13,846.40	...	13,846.40	69,352.71
14.	43,315.88	...	43,315.88	43,315.88	...	15,142.64	15,142.64	28,173.24
15.	- 88,824.98	...	- 88,824.98	- 86,342.38	...	103,204.53	103,204.53	- 189,546.91
16.	- 2,684.91	...	- 2,684.91	- 2,618.46	2,849.00	279.57	3,128.57	- 5,747.03
17.	45,171.91	- 21,149.27	24,022.64	24,022.64	7,082.65	4,819.00	11,901.65	12,120.99
18.	- 141,624.12	...	- 141,624.12	- 123,974.43	...	113,390.09	113,390.09	- 237,364.52
19.	- 12.33	...	- 12.33	...	...	...	...	...
20.	96,280.57	...	96,280.57	96,719.08	0.24	52,237.61	52,237.85	44,481.23
21.	13,811.05	...	13,811.05	14,400.53	...	16,255.74	16,255.74	- 1,855.21
22.	17,549.47	...	17,549.47	20,065.74	...	36,622.63	36,622.63	- 16,556.89
23.	364,841.49	- 1,173.39	363,668.10	1,469,965.59	1,310,600.00	155,433.64	1,466,033.64	3,931.95
24.	- 89,256.80	...	- 89,256.80	- 83,988.64	1,465.23	45,402.98	46,868.21	- 130,856.85
25.	60,022.45	5,338.37	65,360.82	73,449.52	3,254,529.67	93,864.34	3,348,394.01	- 3,274,944.49
26.	1,586,628.24	...	1,586,628.24	1,595,483.46	299,126.42	956,172.77	1,255,299.19	340,184.27
27.	- 67,323.87	...	- 67,323.87	- 47,823.87	180,783.52	...	180,783.52	- 228,607.39
28.	175,964.04	...	175,964.04	177,427.41	93,100.00	25,043.86	118,143.86	59,283.55
29.	- 185,830.18	...	- 185,830.18	- 184,776.57	52,936.92	169,667.32	222,604.24	- 407,380.81
30.	277,137.06	...	277,137.06	277,137.06	...	39,526.29	39,526.29	237,610.77
31.	3,432.61	...	3,432.61	3,988.38	...	8,969.78	8,969.78	- 4,981.40
32.	1,343,521.84	...	1,343,521.84	1,378,123.06	536,562.97	152,249.77	688,812.74	689,310.32
33.	- 707.62	...	- 707.62	54.83	...	54.83	54.83	...
34.	235,458.48	...	235,458.48	433,481.31	226,768.14	77,597.49	304,365.63	129,115.68
35.	- 61,599.86	...	- 61,599.86	237,657.19	...	273,397.09	273,397.09	- 35,739.90
36.	1,464,511.78	...	1,464,511.78	1,464,511.78	...	580,767.20	580,767.20	883,744.58
37.	2,546.76	...	2,546.76	2,734.76	...	...	...	2,734.76
38.	37,219,396.86	1,799,592.58	39,018,989.44	57,717,997.72	116,789,749.94	24,535,173.04	141,324,922.98	-83,606,925.26
39.	8,955,082.51	101,770.76	9,056,853.27	14,983,225.52	90,384,265.54	9,426,818.35	99,811,083.89	-84,827,858.37

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1935

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Mileage of Revenue Mixed Trains		Special Revenue Train Mileage
		At Dec. 31st[X]	Average during Year [/]			[/]Freight	[/]Passenger	
1.	Algoma Central & Hudson Bay	322.77	323.75	186,406	6,765	67,775	21,402	376
2.	Alma and Jonquiere	10.60	10.60	...	...	71,368	13,836	...
3.	Brandon, Saskatchewan & Hudson Bay	84.72	84.72	14,260	1,554	2,720	1,975	276
4.	British Yukon	90.32	90.32	...	4,371	20,816	10,723	94
5.	Canada and Gulf Terminal	38.10	38.10	...	...	8,050	4,830	...
6.	Canada Southern (Lessor)	380.72	381.04	1,238,961	1,454,236	83,599	17,009	...
7.	Canadian National	21,708.22	21,907.95	18,669,207	14,131,299	3,127,868	843,020	21,880
8.	Canadian Pacific	16,848.41	17,221.60	16,609,554	15,667,282	2,228,487	430,647	16,549
9.	Central Vermont	25.33	25.33	16,800	52,554	...	...	...
10.	Crow's Nest Southern	33.75	53.32	...	4,481	4,381	1,396	...
11.	Cumberland	31.29	31.29	3,740	172	15,249	11,043	...
12.	Eastern British Columbia	...	5.43	...	...	967	192	...
13.	Essex Terminal	21.44	21.44	11,110	...	...	...	...
14.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...	...
15.	Hudson Bay	510.07	382.55	63,530	...	45,413	15,131	1,020
15-a	International Bridge & Term'l. Co.	1.06	1.06	...	...	...	...	...
16.	Maine Central	5.10	5.10	198	...	2,914	281	...
17.	Maritime Coal, Railway & Power Co.	12.20	12.20	6,397	...	8,627	2,554	...
18.	Midland Railway of Manitoba	6.40	75.74	47,161	97,488	...	...	201
19.	Morrissey, Fernie and Michel	5.37	5.37	15,680	...	...	...	...
20.	Napierville Junction	27.15	41.74	23,289	94,830	...	...	168
21.	Nelson and Fort Sheppard	54.84	60.87	19,134	15,672	...	...	...
22.	Nipissing Central	59.74	59.74	55,474	79,252	184	248	236
23.	Northern Alberta	922.68	927.62	261,206	125,360	45,141	14,374	...
24.	Ottawa and New York	56.82	58.77	18,780	9,647	1,180	36,380	...
25.	Pacific Great Eastern	347.80	347.80	29,850	1,076	43,800	31,417	...
26.	Pere Marquette	198.63	319.02	734,901	...	81,324	6,261	225
27.	Quebec Railway, Light & Power Co.	25.37	25.37	16,133	11,492	...	...	...
28.	Roberval and Saguenay	29.04	29.04	15,462	2,247	7,057	2,078	...
29.	St. Lawrence and Adirondack	46.57	60.69	35,088	180,320	...	...	...
30.	Sydney and Louisburg	70.29	70.29	105,357	4,534	24,599	4,685	10,559
31.	Temiscouata	113.00	113.00	27,939	26,246	5,736	6,842	...
32.	Temiskaming & Northern Ontario	514.69	514.69	452,141	419,588	69,376	16,595	1,163
33.	Thousand Islands	4.51	4.51	8,905	17,710	...	...	...
34.	Toronto, Hamilton and Buffalo	103.62	111.03	84,094	112,409	17,919	3,691	...
34-a	Toronto Terminals	3.10	3.10	...	...	...	...	...
34-b	Van Buren Bridge	0.28	0.28	...	...	...	...	...
35.	Vancouver, Victoria and Eastern	110.45	121.97	22,596	50,520	7,013	1,237	56
36.	Wabash (in Canada)	...	245.40	1,118,499	9,647	...	...	...
37.	Winnipeg River	...	6.70	434	...	...	...	...
38.	Total	42,916.45	42,775.51	39,912,286	32,580,752	5,991,563	1,497,847	52,803
39.	Canadian National (Can. & U.S.)	23,424.61	23,651.85	22,271,773	16,169,664	3,313,771	884,801	27,176

X- Track operated under trackage rights excluded.
[/]- Track operated under trackage rights included in each railway, but excluded in total.
[/]- Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1935

	Total Revenue Train Mileage	Mileage of Non-Revenue Trains	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles		Total Passenger Train Car Miles 3/
							Freight Loaded	Freight Empty	
1.	282,724	11,000	453,073	89,949,789	26,803	2,099,362	2,638,526	1,574,111	340,327
2.	85,204	...	85,927	910,826	14,023	148,644	39,501	31,867	13,836
3.	20,785	629	12,591	357,967	7,271	223,891	41,585	22,212	9,213
4.	36,004	973	10,866	886,441	13,416	623,064	114,479	87,404	122,822
5.	12,880	...	51,939	545,416	22,720	436,804	35,155	21,073	12,880
6.	2,793,805	24,166	5,118,291	759,720,021	646,067	90,025,197	51,429,301	28,906,178	16,191,013
7.	36,793,274	1,202,916	29,753,057	11,449,226,376	9,237,792	715,618,396	527,806,622	234,908,662	113,062,744
8.	34,952,519	495,935	26,094,183	10,521,575,813	7,423,634	696,486,153	446,775,972	211,109,718	109,153,909
9.	69,354	668	390,232	10,546,412	79,368	1,785,915	454,526	278,894	324,936
10.	10,258	1,956	16,618	763,135	1,649	70,494	25,971	17,374	20,088
11.	30,204	...	454,112	2,520,400	12,385	147,750	81,630	81,630	43,394
12.	1,159	...	11,003	138,638	305	3,843	3,263	3,692	1,134
13.	11,110	...	519,765	5,197,650	...	...	111,210	110,990	...
14.	...	...	222,647	...	9,965	526,575	...	...	...
15.	125,094	...	88,580	42,228,985	7,733	1,312,428	1,446,224	1,284,084	322,686
15-a	...	...	...	...	...	...	...	...	...
16.	3,393	10	93,081	474,713	308	1,571	19,570	14,707	3,190
17.	17,578	...	169,174	1,563,196	9,109	65,148	38,311	41,087	15,048
18.	144,850	...	78,164	5,574,703	36,967	2,033,128	343,871	315,965	565,006
19.	15,680	...	94,902	500,915	...	...	16,716	16,716	...
20.	118,287	185	645,365	17,371,404	114,973	4,134,989	574,818	446,509	595,458
21.	34,806	1,881	40,371	1,756,393	14,142	424,002	82,993	52,167	20,750
22.	135,394	9,918	185,250	5,308,100	77,905	2,518,163	430,180	212,869	340,888
23.	446,081	39,882	451,680	129,115,632	75,016	7,109,854	5,240,674	2,528,561	1,209,549
24.	65,987	384	96,794	4,521,997	98,745	4,561,114	157,260	110,853	117,044
25.	106,143	56,622	50,209	7,918,251	31,734	2,027,300	518,506	314,677	355,619
26.	822,711	149	2,405,059	363,084,387	2,014	36,226	21,031,600	13,437,629	122,732
27.	27,625	718	102,617	2,360,460	945,202	9,608,039	63,636	49,142	1/ 393,520
28.	26,844	42	228,014	4,738,416	5,749	110,456	152,849	137,091	19,677
29.	215,408	516	265,348	8,406,541	520,156	9,181,920	413,994	287,920	649,934
30.	149,734	...	3,962,228	53,756,408	21,452	245,572	2,090,376	2,047,566	68,234
31.	66,763	1,398	120,515	4,709,872	20,987	606,067	219,616	145,290	128,105
32.	958,863	15,260	1,071,936	211,890,023	342,054	25,028,794	9,667,004	3,722,918	2,836,202
33.	26,615	...	2/	70,559	3,412	15,388	6,510	2,395	17,710
34.	218,113	930	1,343,011	50,314,760	193,789	7,105,717	1,881,835	1,059,874	824,792
34-a	...	...	...	...	...	...	...	...	...
34-b	...	...	...	...	...	...	...	...	...
35.	81,422	1,236	174,478	5,478,789	59,053	1,684,243	267,782	175,786	312,120
36.	1,128,146	1,805	2,208,584	471,683,769	8,287	1,881,163	30,327,752	14,453,280	93,136
37.	434	...	11,393	...	...	...	...	...	...
38.	80,035,251	1,869,179	4/ 69,141,100	24,235,167,157	20,084,185	..587,887,370	1,104,549,818	518,050,891	248,307,696
39.	42,667,185	1,231,054	38,807,718	13,508,955,208	9,721,268	770,037,180	630,951,060	292,163,484	126,345,544

1/ Exclusive of 337,825 electric passenger car miles.
2/ Included in Canadian National Railways.
3/ Exclusive of 9,772,560 passenger train car miles in freight trains, 240,484 passenger car miles in non-revenue trains, 2,371,098 car miles run by rail motor cars, and 1,733,859 trailer miles in motor car trains.
4/ Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1935.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	603	184,098	...	3,582,402.18	19.459	...
2.	Division officers	884	281,289	...	2,907,274.25	10.336	...
3.	Assistant engineers and draftsmen	408	123,501	...	850,335.93	6.885	...
4.	Other miscellaneous officials	1,239	376,940	...	3,093,368.11	8.207	...
5.	Clerks	13,241	4,066,645	...	18,177,027.22	4.470	...
6.	Telephone switchboard operators	224	68,187	...	190,934.37	2.800	...
7.	Office boys, messengers, attendants & misc. trades workers	961	285,720	...	674,201.59	2.360	...
8.	Janitors and cleaners	1,122	302,214	...	771,554.84	2.553	...
	Total .....Days	18,682	5,688,594	...	30,247,098.49	5.317	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	350	109,049	...	578,573.47	5.306	...
10.	Carpenters and bridgemen	1,801	...	4,358,452	2,412,332.18	...	.553
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	294	...	725,869	457,483.16	...	.630
12.	Masons, bricklayers, plasterers and painters	263	...	585,011	334,805.88	...	.572
13.	Helpers, B. and B. department	129	...	309,616	137,512.74	...	.444
14.	Apprentices, B. and B. department	24	...	65,323	24,572.94	...	.376
15.	Pile driver, ditching, hoist & steam shovel employees	235	...	656,728	376,047.09	...	.573
16.	Pumpmen	415	...	1,079,380	456,223.66	...	.423
17.	Extra gang and snow plough foremen	179	...	462,814	311,095.06	...	.672
18.	Signal foremen	20	6,306	...	48,534.13	7.697	...
19.	Section foremen	5,942	...	15,158,345	8,105,882.28	...	.535
20.	Sectionmen	15,862	...	38,175,705	14,630,214.30	...	.383
21.	Labourers	4,974	...	12,621,550	3,411,289.12	...	.270
22.	Foremen - Linemen	44	14,404	...	93,295.76	6.477	...
23.	Telegraph and telephone linemen and groundmen	96	...	238,840	126,497.68	...	.530
24.	Signal and interlocker maintainers and repairmen	388	...	1,020,549	638,874.84	...	.626
	Total .....Hours	30,602	...	75,458,182	31,422,830.93	...	.416
	Days	414	129,759	...	720,403.36	5.552	...
	Total	31,016	...	...	32,143,234.29	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	49	15,316	...	143,578.48	9.374	...
26.	Department and gang foremen	2,019	625,494	...	4,440,322.53	7.099	...
27.	Blacksmiths	568	...	1,015,558	740,678.95	...	.729
28.	Boilermakers	1,136	...	2,059,923	1,544,678.38	...	.750
29.	Carmen (a)	1,648	...	2,760,010	2,097,109.04	...	.760
30.	Carmen (b)	471	...	757,958	590,384.62	...	.779
31.	Carmen (c)	5,393	...	10,300,215	6,907,122.42	...	.671
32.	Carmen (d)	229	...	379,429	263,662.67	...	.695
33.	Electrical workers	722	...	1,473,231	1,027,858.94	...	.698
34.	Machinists	3,813	...	6,636,042	4,965,252.34	...	.748
35.	Moulders	100	...	155,974	123,631.52	...	.793
36.	Pipe fitters and sheet metal workers	868	...	1,489,379	1,118,269.13	...	.751
37.	Helpers to mechanics	5,907	...	10,857,644	5,794,948.24	...	.534
38.	Helper apprentices	17	...	31,680	14,148.88	...	.447
39.	Regular apprentices	1,132	...	1,802,953	953,035.16	...	.529
40.	Car cleaners	1,253	...	2,719,909	1,064,280.67	...	.391
41.	Other unskilled employees	2,789	...	6,678,367	2,573,183.65	...	.385

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS IN CANADA
1935

E R R A T A

Page 7

	Reads	Should Read
Line No. 24 - (Ottawa & New York Ry.)-		
Passengers Carried	98,745	46,399
Passengers Carried One Mile	4,561,114	1,197,788
Line No. 38 - (Total)-		
Passengers Carried	20,084,185	20,031,839
Passengers Carried One Mile	1,587,887,370	1,584,524,044

15/10/36

43. Stationary engineers, firemen and oilers	2,379	...	4,585,131	1,723,800.29	...	.376
	797	...	1,986,012	1,034,796.81	...	.521
Total .....Hours	29,222	...	55,689,415	32,536,841.71	...	.584
Days	2,068	640,810	...	4,583,901.01	7.153	...
Total	31,290	...	...	37,120,742.72	...	...
TRANSPORTATION						
44. Inspectors and sergeants of police	132	42,951	...	271,165.99	6.313	...
45. Constables and policemen	563	184,008	...	882,495.05	4.796	...
46. Storekeepers	227	70,684	...	417,864.12	5.912	...
47. Storemen	1,431	...	3,043,342	1,384,401.31	...	.455
48. Train despatchers and traffic supervisors	428	...	1,089,175	1,233,614.76	...	1.133
49. Supervisory agents and assistants	586	...	1,469,796	1,168,385.53	...	.795
50. Station agents, non-telegraphers (small station)	179	...	433,272	146,705.31	...	.335
51. Station agents- telegraphers and telephoners	4,920	...	12,491,762	8,254,867.00	...	.661
52. Signalmen (non-telegraphers) at interlockers	297	...	765,238	380,600.07	...	.497
53. Foremen in freight sheds	338	...	842,897	529,648.63	...	.628
54. Freight handlers and other station employees	3,586	...	7,886,578	3,548,933.97	...	.450
55. Labourers	392	...	899,857	310,500.26	...	.345
56. Dining car and restaurant inspectors, conductors & stewards	204	...	588,740	329,674.23	...	.560
57. Dining car and restaurant helpers and attendants	946	...	2,621,414	832,721.78	...	.318
58. News agents	9	2,690	...	6,075.85	2.259	...
59. Floating equipment employees	479	...	1,624,460	587,492.56	...	.362
60. Sleeping and parlour car inspectors and conductors	142	...	377,388	242,550.08	...	.643
61. Sleeping and parlour car porters	754	...	2,111,711	746,486.88	...	.353
62. Drawbridge operators	88	...	232,037	115,646.68	...	.498
63. Signalmen or watchmen at crossings (non-interlocked)	611	...	1,562,060	560,496.88	...	.359
64. Yardmasters and assistants	288	96,218	...	796,859.01	8.282	...
65. Switch tenders	335	104,602	...	448,725.24	4.290	...
66. Hostlers	383	122,776	...	602,124.52	4.904	...
67. Road passenger conductors	627	...	1,455,463	1,648,880.26	...	1.133
68. Road freight conductors	1,580	...	4,062,937	3,891,135.25	...	.958
69. Road passenger brakemen, baggagemen & flagmen	1,427	...	3,099,558	2,566,618.93	...	.828
70. Road freight brakemen and flagmen	3,725	...	8,218,913	6,207,626.84	...	.755
71. Yard conductors and yard foremen	925	...	2,367,292	1,813,603.71	...	.766
72. Yard brakemen and helpers	2,149	...	4,810,984	3,421,323.56	...	.711
73. Road passenger engineers and motormen	800	...	1,675,746	2,467,184.26	...	1.472
74. Road freight engineers and motormen	1,945	...	4,945,669	5,372,542.91	...	1.086
75. Yard engineers and motormen	854	...	2,444,261	1,947,800.55	...	.797
76. Road passenger firemen and helpers	792	...	1,552,064	1,788,492.59	...	1.152
77. Road freight firemen and helpers	2,220	...	4,901,421	4,055,515.30	...	.827
78. Yard firemen and helpers	919	...	2,427,063	1,515,091.70	...	.624
Total .....Hours	33,344	...	80,006,098	57,068,541.79	...	.713
Days	1,937	623,929	...	3,425,309.78	5.490	...
Total	35,281	...	...	60,493,851.57	...	...
79. Express department	2,282	666,023	...	3,202,592.86	4.809	...
80. Radio department	15	4,598	...	15,671.87	3.408	...
81. Employees engaged in outside operations	8,960	...	23,561,281	9,733,025.99	...	.413
GRAND TOTAL .....Hours	102,128	...	234,714,976	130,761,240.42	...	.557
Days	25,398	7,753,713	...	42,194,977.37	5.442	...
Total	127,526	...	...	172,956,217.79	...	...
82. Total number of female employees (monthly average)	5,213	...	...	...	...	...
83. Total pay roll charged to operating expenses	...	...	...	158,727,750.40	...	...
84. Pullman, bridge and tunnel companies ..... Hours	307	...	868,802	388,914.38	...	.448
Days	18	6,445	...	36,103.51	5.602	...
Total	325	...	...	425,017.89	...	...

TABLE 4.

RAILWAY ACCIDENTS

(1) Train Accidents Resulting from the Movement of Trains, Locomotives or Cars

Cause of Accident	Passengers		Employees		Postal Clerks & Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	3	43	-	-	3	43
Collisions	-	23	4	23	-	3	4	49
Derailments	-	47	2	15	4	5	6	67
Parting of trains	-	7	-	3	-	-	-	10
Locomotives or cars breaking down	-	-	-	-	-	-	-	-
Falling from trains, locomotives or cars	5	5	9	82	5	23	19	110
Getting on or off trains, " " "	3	110	3	173	30	90	36	373
Struck by trains, locomotives or cars-								
at Highway Crossings	-	8	(	(	x121	x228	(	(
at Stations	-	21	(17	(32	2	1	(227	(346
at other places on track	1	2	(	(	86	54	(	(
Overhead obstructions	-	-	-	1	-	-	-	1
Other causes	1	209	5	654	21	201	27	1,064
Total	10	432	43	1,026	≠ 269	≠ 605	322	2,063

≠ Postal Clerks	1	74
Other persons - trespassing	145	237
not trespassing	123	294
Total	269	605

x Struck at Highway Crossings-		
Trainmen and passengers	2	-
Pedestrians	11	10
Motorists	106	213
In other vehicles	2	5
Total	121	228

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Trainmen	22	896	28,170
Switchtenders, crossing tenders, watchmen	2	3	160
Stationmen	5	8	196
Shopmen	4	23	1,017
Trackmen	9	64	3,392
Telegraph employees	1	-	-
Other employees	-	32	1,043
Total	43	1,026	33,978

(2) Non Train Accidents

Cause of Accident	Killed	Injured
	No.	No.
Handling traffic	1	292
Handling tools, machinery, etc.	4	881
Handling supplies	-	905
Getting on or off locomotives or cars at rest	1	76
Other causes	23	2,069
Total	29	4,223

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Stationmen	1	491	13,811
Shopmen	6	1,377	37,602
Trackmen	19	2,105	58,771
Other employees	1	222	6,453
Total Employees	27	4,195	116,637
Passengers	-	8	
Postal Clerks	-	-	
Other Persons	2	20	
Total	29	4,223	

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1936

Gross revenues of all Canadian railways for 1936 amounted to $334,768,557 as compared with $310,107,155 for 1935, an increase of $24,661,402, or 8.0 per cent. This was the third year to show an increase since 1933 when the low point was reached. Operating expenses also increased from $263,942,899 in 1935 to $283,345,968, or by $19,403,069, or 7.4 per cent. This increased net operating revenues from $46,164,256 to $51,422,588. Railway taxes were raised from $8,843,006 to $9,572,616. Interest on funded and unfunded debt was reduced from $116,789,749 to $112,204,370. This includes interest on Government advances to the Canadian National railways and the financing of deficits since 1932 has stopped the yearly additions to debt and interest due to deficits. The net corporate income of all railways carried to the profit and loss account was a debit of $79,626,219 as against a debit of $84,827,858 in 1935. This included $36,428,873 interest on Government advances to the Canadian National system in 1936.

The mileage of road operated at the end of the year was reduced from 42,916.45 to 42,551.99 and the average operated each month was reduced from 42,775.51 to 42,707.56. Two subsidiary lines of the Great Northern railway ceased operation in Canada and the Canadian National and Canadian Pacific railways accounted for practically all the remainder of the net reductions. There were 20.78 miles of new road opened during the year, making the gross miles abandoned 385 miles.

Trains carrying both passengers and freight, effective January 1, 1936, are classed as passenger or freight according to the class of the majority of the cars making up the train. Previously the train mileage was divided on the car mileage basis. This classification tends to increase the freight train miles made in mixed service and reduce passenger train miles because practically all such trains are made up of one or two passenger cars and several freight cars.

Tons of freight carried, excluding duplications where two or more railways carried the same freight, increased from 69,141,100 tons to 75,846,566 tons, the increases being fairly evenly divided among agricultural, animal and mine products and manufactures and miscellaneous; forest products were only 0.5 per cent heavier. The revenue freight ton miles increased by 9 per cent and the passenger miles also by 9 per cent. The large

increase in passenger car miles in freight trains, shown in Table 2, is due to the new classification of trains in mixed service. In 1935 passenger car miles in mixed trains amounted to 17,158,618 miles and in special trains to 246,282 miles.

The number of employees increased from 127,526 for 1935 to 132,781, or by 4.1 per cent, and the total pay roll was increased from $172,956,217 to $182,638,364, or by $9,682,157, or 5.6 per cent.

The number of passengers killed in train accidents was reduced from 10 in 1935 to 6, but the number injured was increased from 432 to 657. A person injured and dying within 24 hours from the time of the accident is classed as, "killed;" all other persons injured are classed as "injured" although some may subsequently die as a result of the accident. Employees who are injured and are absent from their work three days during the ten days after the accident are included under "injured." If the accident is not serious enough to cause an absence of three days during this period it is excluded from the tally.

During the year 83 employees were killed, including 47 trainmen and 22 trackmen, and 1,293 were injured resulting in 44,619 days absence for those so reported injured. This was an average of 34.5 days per person, as compared with 1,026 employees injured and an average absence of 33.1 days each in 1935. The number of trainmen killed increased by 114 per cent and the number of trackmen killed by 145 per cent. Other persons killed in train accidents amounted to 273, including 119 at railway crossings and 104 at other places on the track. The highway crossing accidents included 105 motorists killed and 266 injured. The Vital Statistics for Canada will include these as motor vehicle accident victims. Compared with last year this was one less motorist killed and 53 more injured. The total number of persons killed in train accidents was 362 and the number injured was 2,572, which were the largest numbers since 1930 when 425 were killed and 2,692 injured. In non-train, or accidents in shops, freight sheds, etc., 19 persons were killed and 5,045 were injured, whereas in 1935 29 persons were killed and 4,223 were injured.

The attached tables show the principal data for each railway for 1936 and a summary of accident and employee data.

TRAIN ACCIDENTS

	1935		1936	
	Number Injured	Days Absent	Number Injured	Days Absent
Trainmen	896	28,170	1,066	36,107
Switch tenders, crossing tenders and watchmen	3	160	1	36
Stationmen	8	196	12	440
Shopmen	23	1,017	31	967
Trackmen	64	3,392	123	5,406
Telegraph employees	..	...	..	...
Other employees	32	1,043	60	1,663
Total	1,026	33,978	1,293	44,619

NON TRAIN ACCIDENTS

Stationmen	491	13,811	592	15,893
Shopmen	1,377	37,602	1,518	43,748
Trackmen	2,105	58,771	2,706	71,927
Other employees	222	6,453	229	5,475
Total	4,195	116,637	5,045	137,043

TABLE 1 INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,695,801.85	1,486,723.73	209,078.12	41,507.74	167,570.38
2.	Alma and Jonquiere	116,411.72	75,458.04	40,953.68	3,868.23	37,085.45
3.	Brandon, Saskatchewan & Hudson Bay	18,027.30	37,806.31	- 19,779.01	454.08	- 20,233.09
4.	British Yukon	201,198.91	132,315.57	68,883.34	8,787.99	60,095.35
5.	Canada and Gulf Terminal	72,427.82	66,602.15	5,825.67	3,072.98	2,752.69
6.	Canada Southern (N.Y.C. Lessee)	15,242,756.68	7,868,266.06	7,374,490.62	563,523.30	6,810,967.32
7.	Canadian National	154,178,174.38	145,081,184.25	9,096,990.13	4,093,473.88	5,003,516.25
8.	Canadian Pacific	138,461,549.59	111,025,991.76	27,435,557.83	4,225,660.07	23,209,897.76
9.	Central Vermont	183,398.75	184,981.38	- 1,582.63	1,806.67	- 3,389.30
10.	Crow's Nest Southern	6,158.55	20,096.24	- 13,937.69	8,106.74	- 22,044.43
11.	Cumberland	148,393.23	112,303.61	36,089.62	3,300.00	32,789.62
12.	Essex Terminal	204,589.98	146,618.18	57,971.80	20,386.13	37,585.67
13.	Greater Winnipeg Water District	139,439.67	111,769.19	27,670.48	...	27,670.48
14.	Hudson Bay	354,161.82	501,121.53	- 146,959.71	200.69	- 147,160.40
15.	Maine Central	10,616.25	12,093.26	- 1,477.01	697.82	- 2,174.83
16.	Maritime Coal, Railway & Power Co.	96,408.27	55,369.83	41,038.44	1,400.76	39,637.68
17.	Midland Railway of Manitoba	244,778.78	347,838.24	- 103,059.46	31,025.76	- 134,085.22
18.	Morrissey, Fernie and Michel	23,696.91	23,693.37	3.54	3.54	...
19.	Napierville Junction	439,595.82	293,491.51	146,104.31	14,152.69	131,951.62
20.	Nelson and Fort Sheppard	109,466.10	76,410.15	33,055.95	12,478.19	20,577.76
21.	Nipissing Central	392,039.95	361,181.92	30,858.03	2,517.17	28,340.86
22.	Northern Alberta	2,027,959.96	1,711,191.34	316,768.62	57,213.96	259,554.66
23.	Ottawa and New York	129,992.35	209,019.36	- 79,027.01	13,519.99	- 92,547.00
24.	Pacific Great Eastern	619,086.38	503,894.45	115,191.93	...	115,191.93
25.	Pere Marquette	4,773,044.39	2,485,424.23	2,287,620.16	213,578.14	2,074,042.02
26.	Quebec Railway, Light & Power Co.	264,866.51	311,062.26	- 46,195.75	14,341.00	- 60,536.75
27.	Roberval and Saguenay	394,226.45	134,677.13	259,549.32	9,718.47	249,830.85
28.	St. Lawrence and Adirondack	361,009.69	538,533.21	- 177,523.52	11,251.42	- 188,774.94
29.	Sydney and Louisburg	1,454,260.24	990,025.75	464,234.49	4,713.08	459,521.41
30.	Temiscouata	165,083.11	178,478.60	- 13,395.49	5,738.99	- 19,134.48
31.	Temiskaming & Northern Ontario	4,743,590.47	2,959,627.49	1,783,962.98	...	1,783,962.98
32.	Thousand Islands	29,927.98	28,028.11	1,899.87	359.95	1,539.92
33.	Toronto, Hamilton and Buffalo	1,652,576.58	1,245,551.91	407,024.67	85,481.50	321,543.17
34.	Vancouver, Victoria & Eastern	519,417.86	339,502.66	179,915.20	119,232.66	60,682.54
35.	Wabash (in Canada)	5,294,422.85	3,689,635.86	1,604,786.99	1,043.02	1,603,743.97
36.	Total	334,768,557.15	283,345,968.64	51,422,583.51	49,572,616.61	41,849,971.90
37.	Canadian National (Canada & U.S.)	186,610,489.38	171,477,690.07	15,132,799.31	5,859,062.59	9,273,736.72

/ Does not include taxes of Toronto Terminals Railway amounting to $233,514.45 which are included under "Joint Facilities Rents" of the Canadian National and Canadian Pacific railways.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
.	...	167,570.38	237,380.51	522,785.00	191,290.29	714,075.29	- 476,694.78
.	...	37,085.45	38,605.79	...	3,318.91	3,318.91	35,286.88
.	...	- 20,233.09	- 19,886.59	...	9,067.31	9,067.31	- 28,953.90
.	...	60,095.35	76,982.45	85,990.50	...	85,990.50	- 9,008.05
.	...	2,752.69	4,484.23	57,000.00	8,550.00	65,550.00	- 61,065.77
.	...	6,810,967.32	7,078,632.76	163,951.70	3,890,652.20	4,054,603.90	3,024,028.86
.	160,017.04	5,163,533.29	15,131,796.44	85,371,316.87	9,386,699.20	94,758,016.07	- 79,626,219.63
.	2,059,733.45	25,269,631.21	33,995,497.40	20,005,565.04	7,960,748.44	27,966,313.48	6,029,183.92
.	...	- 3,389.30	47,492.77	28,122.07	19,370.70	47,492.77	...
0.	...	- 22,044.43	- 22,039.43	...	20,570.34	20,570.34	- 42,609.77
1.	...	32,789.62	32,789.62	...	1,942.39	1,942.39	30,847.23
2.	...	37,585.67	57,860.99	13,800.00	...	13,800.00	44,060.99
3.	...	27,670.48	28,334.48	...	10,642.50	10,642.50	17,691.98
4.	...	- 147,160.40	- 143,310.80	...	93,195.20	93,195.20	- 236,506.00
5.	...	- 2,174.83	- 2,088.71	...	354.73	354.73	- 2,443.44
6.	- 34,104.71	5,532.97	5,532.97	3,237.68	5,164.00	8,401.68	- 2,868.71
7.	...	- 134,085.22	- 114,152.13	...	109,378.16	109,378.16	- 223,530.29
8.	...	...	...	...	...	...	...
9.	...	131,951.62	132,390.48	36.58	53,957.45	53,994.03	78,396.45
0.	...	20,577.76	21,686.13	...	14,837.04	14,837.04	6,849.09
1.	...	28,340.86	34,329.48	...	19,713.74	19,713.74	14,615.74
2.	- 525.05	259,029.61	1,528,319.42	1,324,167.34	198,850.72	1,523,018.06	5,301.36
3.	...	- 92,547.00	- 87,706.23	1,228.44	45,992.04	47,220.48	- 134,926.71
4.	5,526.81	120,718.74	130,753.74	3,372,778.66	94,605.15	3,467,383.81	- 3,336,630.07
5.	...	2,074,042.02	2,085,757.34	206,962.04	943,596.27	1,150,558.31	935,199.03
6.	...	- 60,536.75	- 41,036.75	180,783.52	...	180,783.52	- 221,820.27
7.	...	249,830.85	251,316.36	93,100.00	32,847.63	125,947.63	125,368.73
8.	...	- 188,774.94	- 188,017.32	52,375.14	174,191.31	226,566.45	- 414,583.77
9.	...	459,521.41	459,521.41	...	65,198.91	65,198.91	394,322.50
0.	...	- 19,134.48	- 17,338.03	841.35	9,085.42	9,926.77	- 27,264.80
1.	...	1,783,962.98	1,813,988.26	501,904.05	185,065.64	686,969.69	1,127,018.57
2.	...	1,539.92	2,043.64	...	607.64	607.64	1,436.00
3.	...	321,543.17	510,358.40	218,424.73	73,389.70	291,814.43	218,543.97
4.	...	60,682.54	330,887.84	...	270,751.70	270,751.70	60,136.14
5.	...	1,603,743.97	1,603,743.97	...	582,602.76	582,602.76	1,021,141.21
6.	2,190,647.54	44,040,619.44	65,004,910.89	112,204,370.71	24,476,237.49	136,680,608.20	- 71,675,697.31
7.	160,017.04	9,433,753.76	15,529,573.77	86,347,981.26	8,807,812.14	95,155,793.40	- 79,626,219.63

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Name of Railway	Miles of Road Operated: At Dec. 31st[X]	Miles of Road Operated: Average during Year †	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-Revenue Trains
1.	Algoma Central & Hudson Bay	322.77	323.75	284,096	1,211	285,307	44,033
2.	Alma and Jonquiere	10.60	10.60	134,530	16,060	150,590	...
3.	Brandon, Saskatchewan & Hudson Bay	(a)	37.72	9,001	444	9,445	652
4.	British Yukon	90.32	90.32	29,916	9,816	39,732	1,088
5.	Canada and Gulf Terminal	38.10	38.10	13,372	...	13,372	...
6.	Canada Southern (N.Y.C. Lessee)	380.68	381.00	1,495,765	1,616,438	3,112,203	19,691
7.	Canadian National	21,555.85	21,791.82	23,891,572	14,569,379	38,460,951	1,733,274
8.	Canadian Pacific	16,755.61	17,240.90	20,417,331	15,602,196	36,019,527	850,327
9.	Central Vermont	25.33	25.33	19,944	50,784	70,728	1,375
10.	Crow's Nest Southern	(b)	44.43	3,577	3,014	6,591	484
11.	Cumberland	31.29	31.29	30,076	162	30,238	...
12.	Essex Terminal	21.31	21.31	10,520	...	10,520	...
13.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...
14.	Hudson Bay	510.07	510.07	84,250	...	84,250	30,883
14a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...
15.	Maine Central	5.10	5.10	3,467	...	3,467	10
16.	Maritime Coal, Railway & Power Co.	12.20	12.20	13,956	2,676	16,632	...
17.	Midland Railway of Manitoba	5.66	75.74	47,148	97,620	144,768	66
18.	Morrissey, Fernie and Michel	5.37	5.37	3,975	...	3,975	...
19.	Napierville Junction	27.15	41.74	23,384	96,378	119,762	852
20.	Nelson and Fort Sheppard	54.84	60.87	18,729	15,594	34,323	1,894
21.	Nipissing Central	59.74	59.74	58,540	89,045	147,585	10,892
22.	Northern Alberta	922.68	927.62	350,953	131,864	482,817	51,532
23.	Ottawa and New York	56.82	58.77	18,780	47,577	66,357	694
24.	Pacific Great Eastern	347.80	347.80	90,114	15,776	105,890	53,792
25.	Pere Marquette	198.63	319.02	948,281	193	948,474	1,008
26.	Quebec Railway, Light & Power Co.	25.37	25.37	15,060	11,604	26,664	1,252
27.	Roberval and Saguenay	29.04	29.04	24,897	3,414	28,311	...
28.	St. Lawrence and Adirondack	46.57	60.69	35,472	180,073	215,545	1,130
29.	Sydney and Louisburg	70.29	70.29	134,926	14,308	149,234	...
30.	Temiscouata	113.00	113.00	32,279	31,239	63,518	2,469
31.	Temiskaming and Northern Ontario	514.69	514.69	603,477	419,196	1,022,673	15,152
32.	Thousand Islands	4.51	4.51	9,490	17,579	27,069	...
33.	Toronto, Hamilton and Buffalo	103.62	111.03	96,298	124,287	220,585	4,924
33a.	Toronto Terminals	3.19	3.19	...	...	...	...
33b.	Van Buren Bridge	0.28	0.28	...	...	...	...
34.	Vancouver, Victoria and Eastern	110.45	111.38	37,172	52,712	89,884	585
35.	Wabash (in Canada)	...	245.40	1,229,434	1,132	1,230,566	661
36.	Total	42,551.99	42,707.56	50,219,782	33,221,771	83,441,553	2,828,720
37.	Canadian National (Canada and U.S.)	23,272.24	23,554.23	28,312,940	16,722,640	45,035,580	1,807,781

X - Track operated under trackage rights excluded.
† - Track operated under trackage rights included in each railway, but excluded in total.
(a) - Ceased operation August 15, 1936.
(b) - Ceased operation October 23, 1936.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1936.

No.	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles				Total Passenger Train Car Miles (1)
					Freight Loaded	Freight Empty	Caboose	Total	
1.	454,862	93,921,937	33,198	2,579,248	2,836,456	1,564,051	193,257	4,593,764	9,214
2.	180,611	1,914,477	15,356	162,774	73,139	61,391	...	134,530	16,060
3.	8,096	329,957	5,227	167,515	23,702	8,470	9,073	41,245	828
4.	19,080	1,629,662	16,657	774,890	169,049	89,944	...	258,993	47,173
5.	49,044	701,890	21,008	379,954	40,515	24,523	...	65,038	...
6.	5,898,430	905,022,608	742,551	111,667,412	58,866,393	31,334,299	1,615,579	91,816,271	17,123,075
7.	32,784,270	12,380,642,649	9,550,558	765,501,722	570,045,647	248,870,659	22,403,586	841,319,892	107,940,768
8.	27,985,478	11,424,147,055	7,387,406	759,113,574	478,377,142	226,741,842	21,243,994	726,362,978	109,029,422
9.	553,534	14,460,951	76,809	1,729,421	652,381	294,501	20,088	966,970	307,320
10.	6,171	355,940	433	17,637	10,866	7,463	3,593	21,922	3,082
11.	480,776	2,479,644	11,460	122,792	83,440	83,440	5,287	172,167	1,944
12.	505,427	2,527,135	...	...	107,585	102,805	...	210,390	...
13.	205,466	...	10,622	539,978	...	...	...	...	...
14.	98,009	47,222,965	7,244	1,124,391	1,114,086	786,527	108,890	2,009,503	...
14a.	...	...	...	...	...	...	...	...	...
15.	117,694	600,239	236	1,204	21,956	18,718	194	40,868	...
16.	153,412	1,135,441	8,048	53,784	48,530	33,691	...	82,221	3,365
17.	83,371	6,370,290	44,974	2,508,113	359,432	317,307	47,350	724,089	555,961
18.	100,301	533,364	...	...	13,345	13,345	...	26,690	...
19.	697,857	18,795,376	141,033	5,227,889	616,925	433,980	22,231	1,073,136	646,679
20.	41,617	1,796,759	11,493	344,378	81,631	52,018	18,793	152,442	17,635
21.	198,524	5,709,081	92,603	2,957,854	558,198	251,873	58,647	868,718	366,775
22.	472,130	134,467,087	81,108	8,585,467	5,950,087	2,879,772	355,281	9,185,140	938,814
23.	107,945	4,410,676	44,377	1,209,493	168,616	121,485	18,900	309,001	127,717
24.	55,852	8,316,093	33,101	2,020,867	533,557	320,378	28,311	882,246	67,982
25.	2,628,456	421,097,771	1,456	26,973	24,657,568	14,684,362	894,778	40,236,708	1,380
26.	105,791	2,114,069	957,726	9,785,470	89,583	75,965	9,659	175,207	(3) 396,866
27.	308,593	6,359,978	5,558	109,198	192,141	158,357	14,451	364,949	6,620
28.	293,732	9,513,584	496,693	9,062,583	470,837	305,953	35,414	812,204	650,205
29.	4,437,314	57,831,292	13,896	157,967	2,239,744	2,212,048	105,410	4,557,202	30,767
30.	102,423	4,140,354	17,380	516,314	180,187	109,762	21,057	311,006	107,176
31.	1,267,908	250,908,249	348,376	28,305,815	11,890,033	4,262,566	599,204	16,751,803	3,009,700
32.	(2)	79,552	3,573	16,114	6,380	3,110	...	9,490	...
33.	1,482,080	56,129,572	241,330	8,898,881	2,023,846	1,158,640	96,298	3,278,784	851,150
33a.	...	...	...	...	...	...	...	...	...
33b.	...	...	...	...	...	...	...	...	...
34.	277,777	9,055,107	75,377	2,234,710	423,669	275,468	30,515	729,652	352,357
35.	2,503,040	539,392,916	749	154,592	33,055,916	14,101,645	1,205,704	48,363,265	8,849
36. (4)	75,846,566	26,414,113,720	20,497,616	1,726,058,974	1,195,982,582	551,760,358	49,165,544	1,796,908,484	242,618,884
37.	43,451,052	14,813,796,415	10,098,973	831,271,084	687,515,569	308,777,449	27,000,778	1,023,293,796	120,101,244

(1) Exclusive of 27,546,524 passenger train car miles in freight trains, 203,670 passenger car miles in non-revenue trains, 2,217,220 car miles run by rail motor cars, and 1,741,845 trailer miles in motor car trains.
(2) Included in Canadian National Railways.
(3) Exclusive of 340,839 electric passenger car miles.
(4) Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Total For Year	Compensation Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	585	178,637	...	3,496,977.00	19.576	...
2.	Division officers	896	284,629	...	2,961,701.29	10.405	...
3.	Assistant engineers and draftsmen	480	148,082	...	984,757.19	6.650	...
4.	Other miscellaneous officials	1,258	384,633	...	3,151,952.95	8.195	...
5.	Clerks	13,442	4,153,147	...	18,600,148.25	4.479	...
6.	Telephone switchboard operators	230	69,857	...	195,466.36	2.798	...
7.	Office boys, messengers, attendants & misc. trades workers	964	290,736	...	691,448.04	2.378	...
8.	Janitors and cleaners	1,124	324,650	...	769,186.23	2.369	...
	Total .....(Daily Basis)	18,979	5,834,371	...	30,851,637.39	5.288	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	387	121,754	...	643,586.19	5.286	...
10.	Carpenters and bridgemen	1,947	...	4,722,644	2,606,241.60	...	.552
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	266	...	673,536	440,440.96	...	.654
12.	Masons, bricklayers, plasterers and painters	302	...	682,501	392,448.29	...	.575
13.	Helpers, B. and B. department	193	...	463,338	203,762.98	...	.440
14.	Apprentices, B. and B. department	21	...	55,034	21,087.31	...	.383
15.	Pile driver, ditching, hoist & steam shovel employees	266	...	796,636	463,085.41	...	.581
16.	Pumpmen	399	...	1,035,002	446,463.94	...	.431
17.	Extra gang and snow plough foremen	335	...	1,006,901	678,803.21	...	.674
18.	Signal foremen	21	6,528	...	49,281.79	7.549	...
19.	Section foremen	5,807	...	14,897,933	8,060,810.77	...	.541
20.	Sectionmen	16,636	...	39,689,249	15,213,877.81	...	.383
21.	Labourers	5,981	...	14,936,917	3,931,311.23	...	.263
22.	Foremen - Linemen	57	18,435	...	124,743.98	6.767	...
23.	Telegraph and telephone linemen and groundmen	120	...	323,553	154,370.48	...	.477
24.	Signal and interlocker maintainers and repairmen	401	...	1,057,821	664,160.39	...	.628
	Total .....(Hourly Basis)	32,674	...	80,341,065	33,276,864.38	...	.414
	(Daily Basis)	465	146,717	...	817,611.96	5.573	...
	Total	33,139	146,717	80,341,065	34,094,476.34	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	46	14,779	...	136,101.48	9.209	...
26.	Department and gang foremen	2,059	646,339	...	4,551,354.49	7.042	...
27.	Blacksmiths	564	...	1,056,258	778,286.91	...	.737
28.	Boilermakers	1,161	...	2,176,361	1,643,857.95	...	.755
29.	Carmen (a)	2,029	...	3,835,576	2,926,653.09	...	.763
30.	Carmen (b)	499	...	895,641	694,462.06	...	.775
31.	Carmen (c)	5,518	...	10,868,658	7,327,706.28	...	.674
32.	Carmen (d)	236	...	413,062	287,197.07	...	.695
33.	Electrical workers	768	...	1,585,803	1,119,272.91	...	.706
34.	Machinists	3,809	...	6,966,812	5,241,560.08	...	.752
35.	Moulders	99	...	160,968	127,055.50	...	.789
36.	Pipe fitters and sheet metal workers	1,031	...	1,900,086	1,437,259.64	...	.756
37.	Helpers to mechanics	6,179	...	11,820,935	6,348,453.18	...	.537
38.	Helper apprentices	12	...	25,369	12,230.44	...	.482
39.	Regular apprentices	1,098	...	1,881,347	892,660.09	...	.474
40.	Car cleaners	1,293	...	2,848,265	1,119,535.89	...	.393
41.	Other unskilled employees	2,801	...	6,803,667	2,645,260.53	...	.389

Engineers, Firemen and Oilers	787	...	1,964,340	1,032,533.38	...	.526
Total ..... (Hourly Basis)	30,354	...	60,249,950	35,534,206.52	...	.590
(Daily Basis)	2,105	661,118	...	4,687,455.97	7.090	...
Total	32,459	661,118	60,249,950	40,221,662.49	...	...
TRANSPORTATION						
44. Inspectors and sergeants of police	133	43,444	...	274,086.17	6.309	...
45. Constables and policemen	579	189,987	...	900,933.26	4.742	...
46. Storekeepers	210	66,122	...	403,290.22	6.099	...
47. Storemen	1,538	...	3,312,108	1,503,910.15	...	.454
48. Train despatchers and traffic supervisors	433	...	1,102,545	1,249,337.24	...	1.133
49. Supervisory agents and assistants	551	...	1,394,083	1,131,816.37	...	.812
50. Station agents- non-telegraphers (small station)	174	...	449,828	143,281.44	...	.319
51. Station agents- telegraphers and telephoners	4,989	...	12,760,702	8,381,800.97	...	.657
52. Signalmen (non-telegraphers) at interlockers	276	...	723,744	359,518.39	...	.497
53. Foremen in freight sheds	354	...	869,824	548,592.53	...	.631
54. Freight handlers and other station employees	3,797	...	8,484,475	3,866,963.44	...	.456
55. Labourers	410	...	1,018,536	349,079.36	...	.343
56. Dining car and restaurant inspectors, conductors & stewards	215	...	626,167	350,543.36	...	.560
57. Dining car and restaurant helpers and attendants	1,113	...	3,136,002	962,359.37	...	.307
58. News agents	168	61,082	...	103,824.03	1.700	...
59. Floating equipment employees	508	...	1,567,153	582,572.88	...	.372
60. Sleeping and parlour car inspectors and conductors	141	...	377,604	249,477.00	...	.661
61. Sleeping and parlour car porters	792	...	2,229,613	786,707.99	...	.353
62. Drawbridge operators	84	...	223,633	112,673.37	...	.504
63. Signalmen or watchmen at crossings (non-interlocked)	616	...	1,590,679	575,269.97	...	.362
64. Yardmasters and assistants	292	97,490	...	814,746.67	8.357	...
65. Switch tenders	335	106,135	...	457,981.06	4.315	...
66. Hostlers	387	126,773	...	626,038.21	4.938	...
67. Road passenger conductors	643	...	1,476,897	1,703,054.00	...	1.153
68. Road freight conductors	1,662	...	4,364,184	4,218,346.66	...	.967
69. Road passenger brakemen, baggagemen & flagmen	1,457	...	3,173,548	2,686,416.79	...	.847
70. Road freight brakemen and flagmen	3,903	...	8,777,478	6,708,381.94	...	.764
71. Yard conductors and yard foremen	979	...	2,556,746	1,978,488.96	...	.774
72. Yard brakemen and helpers	2,227	...	5,187,866	3,717,697.40	...	.717
73. Road passenger engineers and motormen	812	...	1,723,710	2,577,819.83	...	1.496
74. Road freight engineers and motormen	2,093	...	5,327,453	5,858,886.54	...	1.100
75. Yard engineers and motormen	911	...	2,613,928	2,107,264.29	...	.806
76. Road passenger firemen and helpers	818	...	1,607,269	1,880,599.90	...	1.170
77. Road freight firemen and helpers	2,295	...	5,279,559	4,436,447.27	...	.840
78. Yard firemen and helpers	975	...	2,599,801	1,639,726.29	...	.631
Total ..... (Hourly Basis)	34,766	...	84,555,135	60,667,033.70	...	.717
(Daily Basis)	2,104	691,033	...	3,580,899.62	5.182	...
Total	36,870	691,033	84,555,135	64,247,933.32	...	...
79. Express department	2,348	687,381	...	3,304,521.40	4.807	...
80. Radio department	23	7,160	...	24,150.72	3.373	...
81. Employees engaged in outside operations	8,963	...	23,923,214	9,893,983.03	...	.414
GRAND TOTAL ..... (Hourly Basis)	106,757	...	249,069,364	139,372,087.63	...	.560
(Daily Basis)	26,024	8,027,780	...	43,266,277.06	5.390	...
Total	132,781	8,027,780	249,069,364	182,638,364.69	...	...
82. Total number of female employees (monthly average)	5,274	...	...	...	...	...
83. Total pay roll charged to operating expenses	...	...	...	167,200,188.99	...	...
84. Pullman, bridge and tunnel companies ... (Hourly Basis)	326	...	932,970	431,614.79	...	.463
(Daily Basis)	18	6,588	...	36,567.85	5.551	...
Total	344	6,588	932,970	468,182.64	...	...

TABLE 4.

RAILWAY ACCIDENTS

(1) Train Accidents Resulting from the Movement of Trains, Locomotives or Cars

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		TOTAL	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	3	68	-	-	3	68
Collisions	-	225	27	40	-	8	27	273
Derailments	-	44	6	32	1	4	7	80
Parting of trains	-	-	-	-	-	-	-	-
Locomotives or cars breaking down	-	-	-	-	-	-	-	-
Falling from trains, locomotives or cars	1	7	6	130	3	13	10	150
Getting on or off trains, " " "	-	99	5	186	29	98	34	383
Struck by trains, locomotives or cars-								
At highway crossings	-	-	(	(	x 119	x 290	(	(
At stations	1	23	(21	(33	-	1	(246	(406
At other places on track	1	-	(	(	104	59	(	(
Overhead obstructions	-	-	-	2	-	-	-	2
Other causes	3	259	15	802	17	149	35	1,210
Total	6	657	83	1,293	† 273	† 622	362	2,572

† Postal Clerks	1	78
Other persons - trespassing	150	186
not trespassing	122	358
Total	273	622

x Struck at Highway Crossings-		
Trainmen and passengers	-	3
Pedestrians	10	6
Motorists	105	266
In other vehicles	4	15
Total	119	290

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Trainmen	47	1,066	36,107
Switchtenders, crossing tenders, watchmen	2	1	36
Stationmen	4	12	440
Shopmen	7	31	967
Trackmen	22	123	5,406
Telegraph employees	-	-	-
Other employees	1	60	1,663
Total	83	1,293	44,619

(2) Non-Train Accidents

Cause of Accident	Killed	Injured
	No.	No.
Handling traffic	-	300
Handling tools, machinery, etc.	2	1,077
Handling supplies	-	1,087
Getting on or off locomotives or cars at rest	-	97
Other causes	17	2,599
Total	19	5,160

Class of Employee	Killed	Injured	
	No.	No.	Days absent
Stationmen	2	592	15,893
Shopmen	1	1,518	43,748
Trackmen	6	2,706	71,927
Other employees	1	229	5,475
Total Employees	10	5,045	137,043
Passengers	-	34	
Postal Clerks	-	21	
Other Persons	9	60	
Total	19	5,160	

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1937

For the fourth consecutive year gross revenues of Canadian railways showed an increase, amounting to $355,103,271 for 1937 as against $334,768,557 for 1936. The improvement began to slacken in May and was small for the last half of the year, September and December showing declines. Operating expenses increased from $283,345,968 in 1936 to $300,652,548, maintenance of equipment increasing by $9,411,494, or 14.8 per cent, whereas maintenance of way and structures was reduced by $2,069,125, or 3.4 per cent. Net operating revenues increased from $51,422,589 in 1936 to $54,450,723 and the net corporate income transferred to the profit and loss account was a debit of $31,222,713, as against a debit of $71,675,697 in 1936. Some of this apparent improvement was due to the elimination from the Canadian National Railways' accounts of the interest on Government loans which amounted to $36,428,873 in 1936.

This was effected under the Capital Revision Act 1937 and by the same Act the cash deficits of the Canadian National system will be paid by the Dominion Government, so that no profit and loss debit balance will accumulate for the railway. The preceding explanation also accounts for the greater part of the reduction in the interest on funded and unfunded debt which dropped from $112,204,371 in 1936 to $77,819,294.

The mileage of railway in operation at the end of the year was 42,726.84, a net increase during the year of 174.85 miles. The principal increases were in the Canadian National system where 36.43 miles of the Senneterre-Noranda branch in Quebec were opened in November (the remainder will be completed in 1938), and branch lines in Saskatchewan and Alberta were opened, adding 146.90 miles to the Saskatchewan mileage and 64.49 miles to the Alberta mileage. The Canadian Pacific ceased operating 41.6 miles from Lindsay to Orillia, Ontario, and the Vancouver, Victoria and Eastern ceased operation of 24.53 miles from Hedley to Princeton, British Columbia. There were also other smaller additions and subtractions.

Compared with 1936 traffic, freight was heavier by 8.4 per cent in tons carried and 1.9 per cent in ton miles and passenger traffic was heavier by 7.5 per cent in number of passengers carried and 11.8 per cent in passenger miles. The reduction in the long haul wheat traffic was the chief factor in holding down the ton miles.

The number of employees increased from 132,781 in 1936 to 133,467, or by 0.5 per cent, and the pay roll increased from $182,638,365 to $193,355,584, or by $10,717,219 or 5.9 per cent. The reductions in rates of pay, which had been in effect for several years, were partially restored during 1937 and fully restored in 1938, as follows: reduced from 10 per cent to 8 per cent, April 1, 1937; to 7 per cent on June 1; to 6 per cent on August 1; to 5 per cent on December 1, and to 2 per cent on February 1, 1938, and the last 2 per cent was restored on April 1, 1938. The average daily wage of all employees on annual, monthly, and daily rates increased from $5.390 in 1936 to $5.583 in 1937 and the average hourly rate for those paid by the hour increased from 56.0 cents to 58.2 cents. The number of employees is the average of the twelve counts made on the 15th of each month.

During the year 4 passengers were killed and 381 injured in train accidents, as against 6 killed and 657 injured in 1936. The number of employees killed was also reduced from 83 to 59 and the number injured from 1,293 to 1,082, while the numbers of other persons killed and injured were 263 and 659, as against 273 and 622 respectively

in 1936. The increase in other persons injured was all in the number of trespassers which increased from 186 to 272. These are persons stealing rides on trains, walking on the right-of-way, and also persons crossing the railways at highway crossings when the gates are down. There were 2 fewer persons killed at highway crossings, but 48 more were injured than in 1936. These increases were all motorists, the number injured jumping from 266 to 323 and the number of motorists killed increasing from 105 to 109.

Even gates and watchmen are not sufficient warning to prevent some persons from attempting to cross in front of moving trains. There was one pedestrian killed and 2 pedestrians, 14 motorists, and 2 other persons injured at crossings protected by gates and one motorist killed and 13 motorists injured at crossings protected by watchmen. At unprotected crossings 106 persons were killed, 100 of whom were motorists, and 275 persons were injured, of whom 265 were motorists.

There were 2,788 protected crossings and 29,278 unprotected highway crossings in Canada at the close of the year.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,983,521	1,762,782	220,739	39,652	181,087
2.	Alma and Jonquiere	139,069	76,823	62,246	5,553	56,693
3.	British Yukon	230,574	162,944	67,630	8,798	58,832
4.	Canada and Gulf Terminal	89,405	69,215	20,190	3,206	16,984
5.	Canada Southern (N.Y.C. Lessee)	15,557,571	8,298,902	7,258,669	824,917	6,433,752
6.	Canadian National	165,082,489	153,711,913	11,370,576	4,057,304	7,313,272
7.	Canadian Pacific	145,201,161	117,069,541	28,131,620	4,273,770	23,857,850
8.	Central Vermont	206,543	201,992	4,551	1,847	2,704
9.	Cumberland	188,740	127,753	60,987	3,600	57,387
10.	Essex Terminal	256,036	172,155	83,881	21,113	62,768
11.	Greater Winnipeg Water District	105,617	107,906	- 2,289	...	- 2,289
12.	Hudson Bay	129,343	428,679	- 299,336	193	- 299,529
13.	Maine Central	11,348	12,094	- 746	701	- 1,447
14.	Maritime Coal, Railway & Power Co.	77,938	49,027	28,811	1,400	27,411
15.	Midland Railway of Manitoba	263,142	353,811	- 90,669	31,570	- 122,239
16.	Morrissey, Fernie and Michel	29,569	29,565	4	4	...
17.	Napierville Junction	475,271	335,501	139,770	14,345	125,425
18.	Nelson and Fort Sheppard	106,791	99,374	7,417	12,623	- 5,206
19.	Nipissing Central	483,849	431,207	52,642	2,417	50,225
20.	Northern Alberta	2,504,001	1,742,434	761,567	60,816	700,751
21.	Ottawa and New York	117,811	196,617	- 78,806	17,036	- 95,842
22.	Pacific Great Eastern	631,370	568,139	63,231	...	63,231
23.	Pere Marquette	4,718,148	2,680,255	2,037,893	119,408	1,918,485
24.	Quebec Railway, Light & Power Co.	348,844	354,945	- 6,101	14,272	- 20,373
25.	Roberval and Saguenay	540,747	174,711	366,036	31,832	334,204
26.	St. Lawrence and Adirondack	393,229	541,140	- 147,911	6,761	- 154,672
27.	Sydney and Louisburg	1,610,801	1,144,586	466,215	4,713	461,502
28.	Temiscouata	190,192	183,985	6,207	6,045	162
29.	Temiskaming & Northern Ontario	5,338,041	3,315,120	2,022,921	...	2,022,921
30.	Thousand Islands	36,874	31,080	5,794	259	5,535
31.	Toronto, Hamilton and Buffalo	1,980,221	1,358,720	621,501	116,774	504,727
32.	Toronto Terminals	283,287	544,853	- 261,566	215,483	- 477,049
33.	Vancouver, Victoria & Eastern	587,295	393,801	193,494	115,579	77,915
34.	Wabash (in Canada)	5,204,433	3,920,878	1,283,555	1,072	1,282,483
35.	Total	355,103,271	300,652,548	54,450,723	ƒ 10,045,533	44,437,660
36.	Canadian National (Canada and U.S.)	198,396,609	180,788,858	17,607,751	5,635,174	11,972,577

ƒ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to $32,470.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1937

Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
$	$	$	$	$	$	$
...	181,087	269,704	520,865	198,790	719,655	- 449,951
...	56,693	59,879	...	4,117	4,117	55,762
...	58,832	76,045	85,990	...	85,990	- 9,945
...	16,984	18,766	57,000	8,550	65,550	- 46,784
...	6,433,752	6,706,512	113,792	4,029,436	4,143,228	2,563,284
200,087	7,513,359	17,304,072	49,915,071	9,417,655	59,332,726	- 42,028,654
3,366,435	27,224,285	38,302,503	20,087,802	8,752,417	28,840,219	9,462,284
...	2,704	54,516	29,870	24,646	54,516	...
...	57,387	57,387	...	1,903	1,903	55,484
...	62,768	84,173	13,800	...	13,800	70,373
...	- 2,289	- 2,289	...	6,052	6,052	- 8,341
...	- 299,529	- 294,744	...	75,071	75,071	- 369,815
...	- 1,447	- 1,382	...	262	262	- 1,644
- 13,315	14,096	14,096	3,304	5,215	8,519	5,577
...	- 122,239	- 101,373	...	111,908	111,908	- 213,281
...	...	...	...	...	...	...
...	125,425	125,993	...	78,911	78,911	47,082
...	- 5,206	- 4,617	...	14,455	14,455	- 19,072
...	50,225	50,253	21	29,826	29,847	20,406
502	701,253	1,618,280	1,335,600	223,318	1,558,918	59,362
...	- 95,842	- 92,730	767	34,023	34,790	- 127,520
6,478	69,709	78,545	3,475,999	94,792	3,570,791	- 3,492,246
...	1,918,485	2,078,187	181,866	1,114,228	1,296,094	782,093
...	- 20,373	- 873	833	...	833	- 1,706
...	334,204	335,536	93,100	27,910	121,010	214,526
...	- 154,672	- 153,930	51,523	195,945	247,468	- 401,398
...	461,502	461,502	...	428,689	428,689	32,813
...	162	252	1,081	10,557	11,638	- 11,386
...	2,022,921	2,076,354	367,393	217,614	585,007	1,491,347
...	5,535	5,970	5,836	134	5,970	...
...	504,727	696,284	215,444	78,240	293,684	402,600
- 14,175	- 491,224	1,240,236	1,262,337	20,000	1,282,337	- 42,101
...	77,915	351,385	...	287,841	287,841	63,544
...	1,282,483	1,282,483	...	607,889	607,889	674,594
3,546,012	47,983,672	72,696,975	77,819,294	26,100,394	103,919,688	- 31,222,713
200,087	12,172,664	18,080,876	50,825,999	9,283,531	60,109,530	- 42,028,654

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Name of Railway	Miles of Road Operated: At Dec. 31st X	Miles of Road Operated: Average during Year /	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-revenue Trains
1.	Algoma Central & Hudson Bay	322.28	323.26	379,558	738	380,296	16,022
2.	Alma and Jonquiere	10.60	10.60	169,367	3,828	173,195	...
3.	British Yukon	90.32	90.32	33,244	12,183	45,427	1,607
4.	Canada and Gulf Terminal	38.10	38.10	13,940	...	13,940	...
5.	Canada Southern (N.Y.C. Lessee)	380.68	381.00	1,521,267	1,528,511	3,049,778	26,622
6.	Canadian National	21,792.63	21,893.59	25,244,292	15,438,094	40,682,386	975,862
7.	Canadian Pacific	16,718.71	17,222.70	21,155,738	16,017,542	37,173,280	441,876
8.	Central Vermont	25.33	25.33	27,528	52,656	80,184	304
9.	Cumberland	31.29	31.29	31,182	226	31,408	...
10.	Essex Terminal	21.31	21.31	12,912	...	12,912	...
11.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...
12.	Hudson Bay	510.06	510.06	70,628	1,022	71,650	40,194
12a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...
13.	Maine Central	5.10	5.10	3,313	...	3,313	10
14.	Maritime Coal, Railway & Power Co.	12.20	12.20	13,308	2,304	15,612	...
15.	Midland Railway of Manitoba	5.66	75.49	48,029	97,941	145,970	...
16.	Morrissey, Fernie and Michel	5.37	5.37	5,575	...	5,575	...
17.	Napierville Junction	27.15	41.74	25,270	96,646	121,916	502
18.	Nelson and Fort Sheppard	54.84	60.87	19,016	9,193	28,209	2,004
19.	Nipissing Central	59.74	59.74	62,661	115,167	177,828	21,457
20.	Northern Alberta	922.68	927.62	389,980	132,470	522,450	28,242
21.	Ottawa and New York	56.82	58.77	18,575	40,672	59,247	...
22.	Pacific Great Eastern	347.80	347.80	89,724	14,328	104,052	45,436
23.	Pere Marquette	198.63	319.02	928,251	236	928,487	890
24.	Quebec Railway, Light & Power Co.	25.37	25.37	19,242	17,773	37,015	984
25.	Roberval and Saguenay	29.04	29.04	35,771	1,566	37,337	...
26.	St. Lawrence and Adirondack	46.57	60.69	37,957	180,496	218,453	251
27.	Sydney and Louisburg	70.29	70.29	143,492	16,979	160,471	...
28.	Temiscouata	113.00	113.00	38,137	29,919	68,056	717
29.	Temiskaming & Northern Ontario	514.69	514.69	619,786	543,543	1,163,329	14,663
30.	Thousand Islands	4.51	4.51	12,650	14,860	27,510	...
31.	Toronto, Hamilton and Buffalo	103.62	111.03	98,985	120,862	219,847	7,239
32.	Toronto Terminals	3.19	3.19	...	...	...	...
32a.	Van Buren Bridge	0.28	0.28	...	...	...	...
33.	Vancouver, Victoria and Eastern	85.92	105.20	37,648	52,855	90,503	940
34.	Wabash (in Canada)	..	245.40	1,195,282	453	1,195,735	322
35.	Total	42,726.84	42,701.73	52,502,308	34,543,063	87,045,371	1,626,144
36.	Canadian National (Canada and U.S.)	23,509.02	23,707.17	29,858,278	17,778,731	47,637,009	1,011,347

X - Track operated under trackage rights excluded.
/ - Track operated under trackage rights included for each railway, but excluded in total.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1937.

No.	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles				Total Passenger Train Car Miles (1)
					Freight Loaded	Freight Empty	Caboose	Total	
.	567,482	118,422,415	48,476	3,473,679	3,563,314	1,853,114	221,766	5,638,194	1,503
.	222,696	2,360,578	18,389	194,923	92,389	76,978	...	169,367	3,828
.	25,359	2,195,144	17,553	839,904	225,516	95,622	...	321,138	57,903
.	53,141	768,284	26,143	605,670	44,813	23,263	...	68,076	...
.	6,415,378	960;902,471	894,391	125,931,010	59,527,733	32,692,858	1,555,814	93,776,405	18,319,622
.	36,121,525	12,541,362,983	10,203,408	871,190,670	604,408,842	258,555,150	23,805,907	886,769,899	116,396,925
.	29,842,861	11,602,289,022	7,820,721	826,378,066	504,326,227	234,238,847	21,908,987	760,474,061	114,573,945
.	670,517	16,671,878	90,927	2,071,258	735,979	320,491	27,480	1,083,950	339,968
.	588,337	3,317,690	8,578	102,088	99,423	99,423	6,370	205,216	2,198
0.	629,803	3,149,015	...	...	132,085	126,160	...	258,245	...
1.	157,899	...	12,192	619,376	...	...	...	...	...
2.	11,976	3,418,826	6,956	1,025,106	462,930	277,560	71,650	812,140	12,264
2a.	...	...	...	...	...	...	...	....	...
3.	127,633	650,928	205	1,046	23,966	20,266	106	44,338	...
4.	125,946	1,107,011	4,444	30,244	43,590	24,776	...	68,366	2,986
5.	82,854	6,227,862	52,836	2,951,510	378,810	331,067	48,122	757,999	574,818
6.	117,630	631,673	...	...	15,573	15,573	...	31,146	...
7.	824,401	22,195,613	157,142	5,944,481	735,955	565,565	24,840	1,326,360	690,060
8.	55,364	2,062,585	9,910	294,730	88,245	58,301	18,886	165,432	10,247
9.	259,297	8,026,818	135,093	4,513,130	655,858	337,702	62,761	1,056,321	441,572
0.	594,625	152,071,626	87,626	9,176,048	6,682,835	3,438,564	393,754	10,515,153	1,037,729
1.	97,102	4,107,578	41,400	1,209,811	154,886	129,019	18,635	302,540	103,102
2.	62,336	9,155,930	28,860	2,036,447	574,031	362,690	28,005	964,726	74,960
3.	2,636,838	440,703,907	829	17,026	25,165,491	14,633,220	874,245	40,672,956	2,025
4.	186,734	3,863,394	1,035,044	10,837,838	147,686	124,684	22,580	294,950	(3) 72,001
5.	484,224	9,614,930	8,984	199,982	259,525	229,058	12,033	500,616	3,685
6.	372,300	12,081,511	499,247	8,984,932	556,321	472,335	39,772	1,068,428	656,932
7.	4,740,054	64,137,020	12,228	147,828	1,744,300	1,714,690	115,742	3,574,732	37,082
8.	119,769	4,686,499	19,772	596,846	230,187	133,339	28,552	392,078	113,363
9.	1,406,318	278,282,325	440,036	37,588,607	13,193,883	4,912,380	615,778	18,722,041	3,546,927
0.	(2)	102,711	3,559	16,051	8,905	3,745	...	12,650	14,860
1.	1,806,494	67,092,757	269,874	9,873,184	2,330,141	1,321,440	98,985	3,750,566	893,381
2.	...	...	...	...	...	...	...	...	...
2a.	...	...	...	...	...	...	...	...	...
3.	353,951	10,298,654	83,542	2,513,007	459,685	287,222	29,054	775,961	363,950
4.	2,717,437	574,094,383	344	78,432	33,921,523	14,046,252	1,165,431	49,133,206	5,203
5.	(4)82,220,374	26,926,054,021	22,038,709	1,929,442,930	1,260,990,647	571,521,354	51,195,255	1,883,707,256	(1) 258,353,039
6.	47,037,720	15,165,051,267	10,888,476	953,460,137	730,084,873	321,414,454	28,558,249	1,080,057,576	132,424,376

(1) Exclusive of 28,175,798 passenger train car miles in freight trains, 221,044 passenger car miles in non-revenue trains, 2,180,804 car miles run by rail motor cars, 1,629,095 trailer miles in motor car trains, and 351,951 electric passenger car miles.

(2) Included in Canadian National Railways.

(3) Exclusive of 351,951 electric passenger car miles

(4) Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation: Total For Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	617	188,873	...	3,808,906	20.166	...
2.	Division officers	920	290,177	...	3,087,692	10.641	...
3.	Assistant engineers and draftsmen	510	157,048	...	1,055,171	6.719	...
4.	Other miscellaneous officials	1,359	413,553	...	3,430,329	8.295	...
5.	Clerks	13,741	4,243,676	...	19,675,449	4.636	...
6.	Telephone switchboard operators	243	72,637	...	213,274	2.936	...
7.	Office boys, messengers, attendants & misc. trades workers	962	294,798	...	711,627	2.414	...
8.	Janitors and cleaners	1,119	311,363	...	782,728	2.514	...
	Total .....(Daily Basis)	19,471	5,972,125	...	32,765,176	5.486	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	385	117,575	...	652,330	5.548	...
10.	Carpenters and bridgemen	1,906	...	4,581,505	2,630,497	...	.574
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths and pump repairers	259	...	656,760	443,450	...	.675
12.	Masons, bricklayers, plasterers and painters	272	...	632,475	379,531	...	.600
13.	Helpers, B. and B. department	184	...	447,983	205,396	...	.458
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist & steam shovel employees	251	...	703,504	418,384	...	.595
16.	Pumpmen	388	...	1,012,601	451,815	...	.446
17.	Extra gang and snow plough foremen	188	...	548,008	384,571	...	.702
18.	Signal foremen	21	6,254	...	49,771	7.958	...
19.	Section foremen	5,746	...	14,737,656	8,195,335	...	.556
20.	Sectionmen	15,343	...	37,480,373	15,017,182	...	.401
21.	Labourers	5,379	...	13,695,008	3,812,586	...	.278
22.	Foremen - Linemen	67	20,522	...	133,073	6.484	...
23.	Telegraph and telephone linemen and groundmen	136	...	355,030	175,058	...	.493
24.	Signal and interlocker maintainers and repairmen	447	...	1,176,938	741,368	...	.630
	Total .....(Hourly Basis)	30,499	...	76,027,841	32,855,173	...	.432
	(Daily Basis)	473	144,351	...	835,174	5.786	...
	Total	30,972	144,351	76,027,841	33,690,347	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	45	13,761	...	137,837	10.016	...
26.	Department and gang foremen	2,081	658,263	...	4,762,156	7.234	...
27.	Blacksmiths	595	...	1,217,331	902,829	...	.742
28.	Boilermakers	1,159	...	2,352,364	1,788,099	...	.760
29.	Carmen (a)	2,322	...	4,725,529	3,604,873	...	.763
30.	Carmen (b)	496	...	996,693	769,779	...	.772
31.	Carmen (c)	5,444	...	11,337,173	7,782,203	...	.686
32.	Carmen (d)	232	...	459,104	318,885	...	.695
33.	Electrical workers	790	...	1,741,243	1,244,977	...	.715
34.	Machinists	3,798	...	7,746,749	5,829,287	...	.752
35.	Moulders	93	...	179,322	140,561	...	.784
36.	Pipe fitters and sheet metal workers	1,065	...	2,155,277	1,631,787	...	.757
37.	Helpers to mechanics	6,259	...	12,983,693	7,044,877	...	.543
38.	Helper apprentices	12	...	26,172	11,903	...	.455
39.	Regular apprentices	1,251	...	2,466,051	1,081,524	...	.439
40.	Car cleaners	1,319	...	3,009,469	1,226,040	...	.407
41.	Other unskilled employees	2,842	...	6,880,094	2,748,758	...	.400

43. Stationary engineers, firemen and oilers	795	...	1,979,634	1,073,431	...	.542
Total .....(Hourly Basis)	30,929	...	65,813,539	39,300,815	...	.597
(Daily Basis)	2,126	672,024	...	4,899,993	7.291	...
Total	33,055	672,024	65,813,539	44,200,808	...	...
TRANSPORTATION						
44. Inspectors and sergeants of police	131	42,397	...	276,646	6.525	...
45. Constables and policemen	586	192,772	...	941,573	4.884	...
46. Storekeepers	140	43,765	...	270,369	6.178	...
47. Storemen	1,527	...	3,370,729	1,573,305	...	.467
48. Train despatchers and traffic supervisors	435	...	1,108,414	1,293,965	...	1.167
49. Supervisory agents and assistants	568	...	1,430,225	1,179,206	...	.824
50. Station agents,- non-telegraphers (small station)	163	...	406,274	135,951	...	.335
51. Station agents,- telegraphers and telephoners	5,045	...	12,873,456	8,775,222	...	.682
52. Signalmen (non-telegraphers) at interlockers	270	...	706,612	364,629	...	.516
53. Foremen in freight sheds	380	...	928,232	600,701	...	.647
54. Freight handlers and other station employees	4,021	...	9,076,339	4,306,627	...	.474
55. Labourers	483	...	1,190,537	430,812	...	.362
56. Dining car and restaurant inspectors, conductors & stewards	231	...	673,680	395,627	...	.587
57. Dining car and restaurant helpers and attendants	1,158	...	3,204,572	1,084,602	...	.338
58. News agents	172	51,201	...	115,471	2.255	...
59. Floating equipment employees	527	...	1,675,488	634,792	...	.379
60. Sleeping and parlour car inspectors and conductors	156	...	406,941	277,461	...	.682
61. Sleeping and parlour car porters	858	...	2,384,121	867,621	...	.364
62. Drawbridge operators	88	...	237,115	121,859	...	.514
63. Signalmen or watchmen at crossings (non-interlocked)	608	...	1,573,282	588,628	...	.374
64. Yardmasters and assistants	303	101,879	...	872,512	8.564	...
65. Switch tenders	330	106,406	...	477,030	4.483	...
66. Hostlers	388	126,864	...	647,520	5.104	...
67. Road passenger conductors	682	...	1,510,078	1,827,857	...	1.210
68. Road freight conductors	1,703	...	4,374,574	4,437,930	...	1.014
69. Road passenger brakemen, baggagemen & flagmen	1,539	...	3,270,839	2,906,120	...	.888
70. Road freight brakemen and flagmen	3,926	...	8,848,262	7,081,381	...	.800
71. Yard conductors and yard foremen	1,035	...	2,699,883	2,159,698	...	.800
72. Yard brakemen and helpers	2,330	...	5,470,471	4,054,746	...	.741
73. Road passenger engineers and motormen	866	...	1,774,774	2,775,746	...	1.564
74. Road freight engineers and motormen	2,172	...	5,379,877	6,186,583	...	1.150
75. Yard engineers and motormen	972	...	2,730,152	2,296,579	...	.841
76. Road passenger firemen and helpers	838	....	1,660,517	2,026,705	...	1.221
77. Road freight firemen and helpers	2,365	...	5,334,054	4,681,492	...	.878
78. Yard firemen and helpers	1,047	...	2,724,997	1,787,377	...	.656
Total .....(Hourly Basis)	35,993	...	87,024,495	64,853,222	...	.745
(Daily Basis)	2,050	665,284	...	3,601,121	5.413	...
Total	38,043	665,284	87,024,495	68,454,343	...	...
79. Express department	2,391	700,075	....	3,439,915	4.914	...
80. Radio department	26	7,955	...	28,214	3.547	...
81. Employees engaged in outside operations	9,509	...	25,030,710	10,776,781	...	.431
GRAND TOTAL .....(Hourly Basis)	106,930	...	253,896,585	147,785,991	...	.582
(Daily Basis)	26,537	8,161,814	...	45,569,593	5.583	...
Total	133,467	8,161,814	253,896,585	193,355,584	...	...
82. Total number of female employees (monthly average)	5,341	...	...	...	...	...
83. Total pay roll charged to operating expenses ..	...	...	...	176,424,287	...	...
84. Pullman, bridge and tunnel companies .... (Hourly Basis)	344	...	986,864	478,088	...	.484
(Daily Basis)	18	6,683	...	37,769	5.652	...
Total	362	6,683	986,864	515,857	...	...

TABLE 4. RAILWAY ACCIDENTS

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		T O T A L	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	2	1	68	-	1	1	71
Collisions	-	22	6	19	5	7	11	48
Derailments	2	40	10	23	10	10	22	73
Parting of trains	-	-	-	2	-	1	-	3
Locomotives or cars breaking down	-	-	-	3	-	-	-	3
Falling from trains, locomotives or cars	1	10	5	132	17	66	23	208
Struck by trains, locomotives or cars	-	4	26	35	210	401	236	440
Overhead obstructions	-	-	-	2	-	1	-	3
Other causes	1	301	11	798	21	172	33	1,271
Total	4	379	59	1,082	≠ 263	≠ 659	326	2,120
≠ Postal clerks					1	48		
Other persons - trespassing					148	272		
not trespassing					114	339		
Total					263	659		
Struck at Highway Crossings-								
Trainmen and passengers					1	1		
Pedestrians					4	6		
Motorists					109	323		
In other vehicles					3	8		
Total					117	338		

Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY
	Killed	Injured	Killed	Injured	
	No.	No.	No.	No.	
Trainmen	32	952	-	93	34,791
Switchtenders, crossing tenders, watchmen	1	11	-	21	1,260
Stationmen	2	11	2	692	17,421
Shopmen	4	39	3	1,584	42,567
Trackmen	20	61	12	2,164	58,877
Telegraph employees	-	1	-	53	1,456
Other employees	-	7	1	85	2,960
Total Employees	59	1,082	18	4,692	159,332
Passengers			-	48	
Postal clerks			1	25	
Other persons			1	45	
Total All Persons			20	4,810	
Cause of Accident					
Handling traffic			-	352	
Handling tools, machinery, etc.			3	1,043	
Handling supplies			-	987	
Getting on and off locomotives or cars at rest			-	117	
Other causes			17	2,311	
Total			20	4,810	

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1938

After showing increases for four successive years, gross revenues of Canadian railways for 1938 declined to $336,833,400 from $355,103,271 for the previous year. Earnings for September and October were larger than in 1937 but for all other months decreases were recorded. Operating expenses were reduced by $4,946,910 or from $300,652,548 in 1937 to $295,705,638. Maintenance of way and structures and maintenance of equipment were reduced by $3,091,798 and $3,933,346 respectively, but transportation expenses were increased by $1,239,135 despite a reduction in revenue train miles of 1.5 per cent, in revenue ton miles and in passenger miles. This was due largely to restoration of reductions of basic wage rates. These restorations were made as follows: two per cent April 1, 1937; one per cent June 1, 1937; one per cent August 1, 1937; one per cent December 1, 1937; three per cent February 1, 1938 and two per cent April 1, 1938. This completed the reduction of ten per cent which had been in effect for several years.

Railway taxes showed a reduction of $309,117 or from $10,045,533 to $9,736,416. Interest charges increased from $77,819,294 in 1937 to $79,215,333 and the net corporate income transferred to profit and loss account was a debit of $55,023,359 compared with a debit of $31,222,713 for 1937. The large debit in

this item was $54,470,997 for the Canadian National System which was computed on the same basis as in 1937 but which is not comparable with debits of previous years as explained in the 1937 report.

There was practically no change in the monthly average miles of road operated, although at the close of the year there was a net increase of 15.48 miles. Freight train miles were reduced by 5.8 per cent and passenger train miles were increased by 5.0 per cent. Tons of revenue freight carried declined from 82,220,374 tons in 1937 to 76,175,305 tons. Agricultural products showed an increase of 3,800,099 tons but other groups showed decreases, particularly manufactures and miscellaneous, which declined from 25,170,702 tons to 19,786,746 tons; about half of this decrease was in foreign freight, including imports and in-transit freight. Because of the increase in the long-haul grain traffic the decrease in revenue ton miles was less than one per cent, despite the decrease in total tons carried of 7.3 per cent. The number of passengers carried decreased by 1,127,513 or 5.1 per cent and passenger miles declined by 7.6 per cent.

The number of employees was reduced from 133,467 for 1937 to 127,824 or by 5,643 or 4.2 per cent. The pay roll, however, was increased by $1,752,767. The average hourly wage of those employees on an hourly basis was 62.1 cents or 6.7 per cent above the 1937 average and the average daily wage of general officers, clerks, and all employees on a daily or monthly wage was $5.91 or 5.8 per cent above the 1937 average.

Four passengers, 45 employees and 235 other persons were killed in train accidents during the year, compared with 4 passengers, 59 employees and 265 other persons killed in 1937. The number of persons injured in train accidents decreased from 2,120 in 1937 to 1,741 or by 17.9 per cent. Accidents at highway

crossings resulted in 96 fatalities and 235 persons injured, compared with 117 fatalities and 338 injured in 1937. These accidents for 1938 included 85 motorists, 10 pedestrians and 1 trainman killed and 205 motorists, 24 occupants of other vehicles, 3 pedestrians and 3 trainmen and passengers injured. These motorists will be classed in vital statistics as motor vehicle accidents. The classifications have no connection with the person or company responsible for the accident; in many cases motorists drive in front of trains or crash into the sides of moving trains and are here classed as highway crossing accidents to motorists.

The instructions on reporting accidents are to count as deaths persons dying from the results within 24 hours of the accident. All other serious injuries are to be reported as injuries. Injuries include employees who are absent more than three days in the aggregate during the ten days immediately following the accident and for other persons those whose injuries prevent them from following his or her customary mode of living for more than one day. During the year 11 employees, 3 trespassers and 1 other person were injured and subsequently died from the results of train accidents, also 7 persons committed suicide which were not included in the above statistics.

In non-train accidents such as when handling rails, ties, or other material, or in the railway shops, freight sheds, etc., 11 persons were killed and 4,139 persons were injured. Of the total number killed, 9 were employees, and of the injured 4,063 were employees, shopmen and trackmen comprising the major portion of both deaths and injuries.

Employees were absent from work because of injuries for 142,302 days compared with 159,332 days in 1937.

In non-train accidents, 4 persons committed suicide and 2 others attempted suicide, which are not included in the total persons killed and injured.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1938

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,701,403	1,509,656	191,747	40,157	151,590
2.	Alma and Jonquiere	95,361	68,849	26,512	1,446	25,066
3.	British Yukon	236,276	167,830	68,446	8,791	59,655
4.	Canada and Gulf Terminal	82,130	69,427	12,703	2,996	9,707
5.	Canada Southern (N.Y.C. Lessee)	11,462,353	6,209,316	5,253,037	414,690	4,838,347
6.	Canadian National	156,585,255	152,087,431	4,497,824	3,965,260	532,564
7.	Canadian Pacific	143,198,532	117,065,946	26,132,586	4,440,569	21,692,017
8.	Central Vermont	153,691	228,827	- 75,136	1,852	- 76,988
9.	Cumberland	148,331	119,118	29,213	3,600	25,613
10.	Essex Terminal	222,262	162,840	59,422	10,825	48,597
11.	Greater Winnipeg Water District	112,227	103,774	8,453	...	8,453
12.	Hudson Bay	353,362	529,412	- 176,050	206	- 176,256
13.	Maine Central	10,705	13,977	- 3,272	695	- 3,967
14.	Maritime Coal, Railway & Power Co.	92,839	48,614	44,225	1,400	42,825
15.	Midland Railway of Manitoba	281,312	346,501	- 65,189	32,372	- 97,561
16.	Morissey, Fernie and Michel	28,453	28,450	3	3	...
17.	Napierville Junction	398,222	333,764	64,458	2,270	62,188
18.	Nelson and Fort Sheppard	89,776	94,501	- 4,725	12,758	- 17,483
19.	Nipissing Central	497,962	466,469	31,493	2,395	29,098
20.	Northern Alberta	2,027,013	1,702,960	324,053	69,979	254,074
21.	Ottawa and New York	101,360	171,476	- 70,116	15,638	- 85,754
22.	Pacific Great Eastern	612,152	575,754	36,398	...	36,398
23.	Pere Marquette	3,716,587	2,206,944	1,509,643	79,868	1,429,775
24.	Quebec Railway, Light & Power Company	322,852	346,198	- 23,366	15,435	- 38,801
25.	Roberval and Saguenay	591,570	190,488	401,082	42,479	358,603
26.	St. Lawrence and Adirondack	351,200	503,917	- 152,717	8,477	- 161,194
27.	Sydney and Louisburg	1,374,607	1,045,755	328,852	4,713	324,139
28.	Temiscouata	176,256	178,250	- 1,994	5,483	- 7,477
29.	Temiskaming & Northern Ontario	5,064,139	3,601,111	1,463,028	...	1,463,028
30.	Thousand Islands	34,298	32,346	1,952	221	1,731
31.	Toronto, Hamilton and Buffalo	1,586,534	1,212,607	373,927	80,029	293,898
32.	Toronto Terminals	292,219	569,191	- 276,972	353,826	- 630,798
33.	Vancouver, Victoria & Eastern	416,311	303,525	112,786	117,577	- 4,791
34.	Wabash (in Canada)	4,415,870	3,410,414	1,005,456	406	1,005,050
35.	Total 1938	336,833,400	295,705,638	41,127,762	⁄ 9,736,416	31,391,346
	Total 1937	355,103,271	300,652,548	54,450,723	10,045,533	44,437,660
36.	Canadian National (Canada and U.S.)	182,241,723	176,175,312	6,066,411	5,954,197	112,214

⁄ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to $32,379.

x Includes interest on $48,144,805 Dominion Government Loans $926,125.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1938

Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
$	$	$	$	$	$	$
...	151,590	229,647	518,945	206,242	725,187	- 495,540
...	25,066	25,533	...	3,205	3,205	22,328
...	59,655	77,152	85,990	...	85,990	- 8,838
...	9,707	11,529	57,000	8,550	65,550	- 54,021
...	4,838,347	5,110,478	132,802	3,608,251	3,741,053	1,369,425
226,014	758,578	11,956,630	x50,034,368	16,393,259	66,427,627	-54,470,997
889,793	22,581,810	31,375,357	20,803,661	9,309,314	30,112,975	1,262,382
...	- 76,988	49,772	27,215	22,559	49,772	...
...	25,613	25,613	...	2,643	2,643	22,970
...	48,597	71,180	13,800	6,768	20,568	50,612
...	8,453	8,453	...	1,206	1,206	7,247
...	- 176,256	- 171,491	...	105,165	105,165	- 276,656
...	- 3,967	- 3,911	...	161	161	- 4,072
2,202	45,027	45,027	3,819	5,459	9,278	xx 35,749
...	- 97,561	- 76,042	...	116,306	116,306	- 192,348
...	...	...	...	...	...	...
...	62,188	64,545	1,756	75,020	76,776	- 12,231
...	- 17,483	- 16,770	...	15,540	15,540	- 32,310
...	29,098	29,127	139	33,568	33,707	- 4,580
267	254,341	1,501,567	1,341,388	156,823	1,498,211	3,356
...	- 85,754	- 81,483	1,061	33,386	34,447	- 115,930
5,602	42,000	51,245	3,600,322	95,034	3,695,356	- 3,644,111
...	1,429,775	1,589,293	181,866	1,115,011	1,296,877	292,416
...	- 38,801	- 18,581	xx 833	6,540	7,373	- 25,954
...	358,603	360,515	93,100	6,844	99,944	260,571
...	- 161,194	- 160,162	52,681	192,001	244,682	- 404,844
...	324,139	324,139	...	423,760	423,760	- 99,621
...	- 7,477	- 7,367	1,223	5,098	6,321	- 13,688
...	1,463,028	1,496,708	347,394	189,453	536,847	959,861
...	1,731	2,190	2,154	36	2,190	...
...	293,898	481,973	212,497	77,166	289,663	192,310
...	- 630,798	1,692,564	1,701,321	33,407	1,734,728	- 42,164
...	- 4,791	268,730	...	290,427	290,427	- 21,697
...	1,005,050	1,005,050	...	588,034	588,034	417,016
1,123,878	32,515,224	57,318,210	79,215,333	33,126,236	112,341,569	-55,023,359
3,546,012	47,983,672	72,696,975	77,819,294	26,100,394	103,919,688	-31,222,713
226,014	338,228	6,713,948	x50,918,242	10,266,703	61,184,945	-54,470,997

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1938

No.	Name of Railway	Miles of Road Operated At Dec. 31st X	Miles of Road Operated Average during Year ∕	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-revenue Trains
1.	Algomo Central & Hudson Bay	322.28	323.26	304,993	...	304,993	10,503
2.	Alma and Jonquiere	10.60	10.60	19,360	5,093	24,453	...
3.	British Yukon	90.32	90.32	31,316	13,505	44,821	1,204
4.	Canada and Gulf Terminals	38.10	38.10	13,200	40,240	53,440	...
5.	Canada Southern (N.Y.C. Lessee)	380.62	380.94	1,087,563	1,636,379	2,723,942	7,785
6.	Canadian National	21,808.79	21,949.56	24,054,100	16,399,102	40,453,202	655,783
7.	Canadian Pacific	16,718.11	17,186.00	20,445,323	16,472,864	36,918,187	361,298
8.	Central Vermont	25.33	25.33	18,096	47,232	65,328	298
9.	Cumberland	31.29	31.29	20,619	10,873	31,492	...
10.	Essex Terminal	21.31	21.31	11,751	...	11,751	...
11.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...
12.	Hudson Bay	510.06	510.06	117,676	4,269	121,945	10,205
12a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...
13.	Maine Central	5.10	5.10	3,997	...	3,997	32
14.	Maritime Coal, Railway & Power Co.	12.20	12.20	13,556	2,700	16,256	...
15.	Midland Railway of Manitoba	5.66	75.49	47,724	97,289	145,013	...
16.	Morrissey, Fernie and Michel	5.37	5.37	5,610	...	5,610	...
17.	Napierville Junction	27.15	41.74	25,181	96,424	121,605	167
18.	Nelson and Fort Sheppard	54.84	60.87	19,331	32,530	51,861	1,727
19.	Nipissing Central	59.74	59.74	72,360	108,737	181,097	1,550
20.	Northern Alberta	922.68	927.62	321,657	166,764	488,421	25,477
21.	Ottawa and New York	56.81	58.74	17,773	74,110	91,883	...
22.	Pacific Great Eastern	347.80	347.80	91,539	33,607	125,146	25,475
23.	Pere Marquette	198.63	319.02	767,895	191	768,086	765
24.	Quebec Railway, Light & Power Co.	25.37	25.37	17,499	17,335	34,834	...
25.	Roberval and Saguenay	29.04	29.04	37,175	2,804	39,979	...
26.	St. Lawrence and Adirondack	46.56	60.68	35,340	179,694	215,034	648
27.	Sydney and Louisburg	70.29	70.29	129,752	14,754	144,506	...
28.	Temiscouata	113.00	113.00	31,902	63,996	95,898	598
29.	Temiskaming & Northern Ontario	514.69	514.69	588,394	569,837	1,158,231	29,221
30.	Thousand Islands	4.51	4.51	12,895	14,600	27,495	...
31.	Toronto, Hamilton and Buffalo	103.62	111.03	95,531	116,465	211,996	591
32.	Toronto Terminals	3.19	3.19	...	...	...	..
32a.	Van Buren Bridge	0.28	0.28	...	...	...	..
33.	Vancouver, Victoria and Eastern	85.92	86.85	33,840	52,810	86,650	30
34.	Wabash (in Canada)	..	245.40	939,641	...	939,641	1,32
35.	Total 1938	42,742.32	42,700.81	49,432,589	36,274,204	85,706,793	1,134,75
	Total 1937	42,726.84	42,701.73	52,502,308	34,543,063	87,045,371	1,626,14
36.	Canadian National (Canada and U.S.)	23,499.28	23,683.77	27,841,770	17,334,627	45,176,397	707,00

X - Track operated under trackage rights excluded.

∕ - Track operated under trackage rights included for each railway but excluded in total.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1938.

Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles				Total Passenger Train Car Miles (1)
				Freight Loaded	Freight Empty	Caboose	Total	
471,687	97,200,711	33,761	2,233,852	2,975,633	1,720,780	231,771	4,928,184	...
140,252	1,486,671	18,072	191,563	61,569	47,422	...	108,991	5,093
24,103	2,100,588	17,920	854,178	206,517	88,921	...	295,438	69,364
47,343	1,025,451	25,830	536,151	52,852	32,931	...	85,783	...
4,567,711	657,568,467	762,674	102,588,010	39,801,636	20,281,333	1,100,753	61,183,722	16,729,921
32,887,477	12,484,696,004	9,679,504	820,487,950	559,155,174	261,370,707	22,540,132	843,066,013	115,010,479
30,471,115	12,134,948,168	7,454,249	761,020,442	483,200;549	239,000,602	21,452,840	743,653,991	112,619,422
413,990	11,823,449	83,996	1,938,179	533,686	282,069	18,240	833,995	309,464
467,104	2,673,224	6,242	78,603	83,437	83,437	4,848	171,722	12,627
546,124	2,730,620	...	...	119,900	115,110	...	235,010	...
179,763	...	11,056	567,538	...	...	...	...	...
108,165	52,404,193	6,146	883,134	1,495,655	1,369,461	125,467	2,990,583	30,344
...	...	...	...	...	...	...	...	...
121,147	617,850	177	903	21,294	17,981	785	40,060	...
145,673	1,387,353	3,980	27,202	48,735	28,123	...	76,858	3,669
87,213	6,428,739	46,932	2,620,968	403,549	349,152	47,922	800,623	573,795
115,365	619,510	...	...	15,895	15,895	...	31,790	...
677,364	18,229,103	151,216	5,296,548	606,252	482,797	24,304	1,113,353	668,500
49,628	1,938,466	9,467	269,554	80,419	56,361	19,312	156,092	9,445
312,347	10,337,259	123,917	4,321,675	698,762	421,044	72,360	1,192,166	480,365
407,483	98,167,061	71,313	7,846,234	5,001,333	2,516,571	342,962	7,860,866	937,525
77,616	3,299,300	41,420	1,116,349	120,183	114,034	17,891	252,108	163,629
51,541	9,115,790	23,011	1,876,842	613,057	398,604	27,022	1,038,683	80,503
2,138,835	371,458,312	876	17,360	19,738,333	11,954,013	793,961	32,486,307	2,951
158,159	3,159,185	1,031,820	10,558,227	120,290	106,600	15,952	242,842	(3) 76,499
540,257	10,647,330	1,380	16,973	250,795	234,175	19,048	504,018	5,495
275,616	9,013,882	502,343	9,190,048	400,272	544,617	35,316	980,205	639,048
3,969,781	55,276,616	10,873	138,862	1,457,801	1,432,430	100,302	2,990,533	30,830
98,876	3,988,047	17,043	544,155	192,727	120,516	24,062	337,305	114,924
1,252,055	240,410,963	449,065	36,672,013	12,164,085	4,249,079	583,370	16,996,534	3,900,375
(2)	92,265	3,629	16,367	9,615	3,280	...	12,895	14,600
1,380,546	53,220,597	250,128	9,185,634	1,928,607	1,127,572	95,531	3,151,710	865,665
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
237,332	6,429,317	73,156	2,082,043	297,819	185,608	24,827	508,254	353,502
2,262,305	482,202,204	...	...	29,207,673	13,704,697	911,055	43,823,425	106,628
(4) 76,175,305	26,834,696,695	20,911,196	1,783,177,557	1,161,064,104	562,455,922	48,630,033	1,772,150,059	(1) 253,814,658
(4) 82,220,374	26,926,054,021	22,038,709	1,929,442,930	1,260,990,647	571,521,354	51,195,255	1,883,707,256	258,353,039
40,577,666	14,505,234,204	10,289,000	891,594,706	656,686,592	316,154,057	26,435,560	999,276,209	129,916,171

(1) Exclusive of 26,804,475 passenger train car miles in freight trains, 201,390 passenger train car miles in non-revenue trains. Includes 2,803,124 car miles run by rail motor cars, 1,092,238 trailer miles in motor car trains.

(2) Included in Canadian National Railways.

(3) Exclusive of 363,022 electric passenger car miles.

(4) Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1936.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	537	162,538	...	3,556,665	21.759	...
2.	Division officers	909	285,767	...	3,229,379	11.301	...
3.	Assistant engineers and draftsmen	466	141,593	...	1,024,403	7.235	...
4.	Other miscellaneous officials	1,285	375,312	...	3,349,801	8.925	...
5.	Clerks	13,271	4,055,384	...	20,044,854	4.943	...
6.	Telephone switchboard operators	230	67,678	...	211,264	3.122	...
7.	Office boys, messengers, attendants & misc. trades workers	916	272,675	...	717,547	2.632	...
8.	Janitors and cleaners	1,072	300,006	...	808,456	2.695	...
	Total .....(Daily Basis)	18,686	5,660,953	...	32,922,369	5.816	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	344	104,883	...	620,740	5.918	...
10.	Carpenters and bridgemen	1,658	...	3,967,743	2,430,265	...	.613
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths, and pump repairers	272	...	677,417	486,672	...	.718
12.	Masons, bricklayers, plasterers and painters	174	...	379,552	239,106	...	.630
13.	Helpers, B. and B. department	174	...	398,105	191,612	...	.481
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist & steam shovel employees	235	...	638,267	404,715	...	.634
16.	Pumpmen	396	...	1,021,626	486,774	...	.476
17.	Extra gang and snow plough foremen	187	...	420,062	299,785	...	.714
18.	Signal foremen	25	7,532	...	67,344	8.941	...
19.	Section foremen	5,797	...	14,654,581	8,679,670	...	.592
20.	Sectionmen	14,551	...	35,218,918	15,043,005	...	.427
21.	Labourers	4,230	...	9,992,117	2,861,319	...	.286
22.	Foremen - Linemen	34	11,500	...	78,440	6.821	...
23.	Telegraph and telephone linemen and groundmen	45	...	89,584	51,643	...	.576
24.	Signal and interlocker maintainers and repairmen	389	...	1,037,360	713,150	...	.687
	Total .....(Hourly Basis)	28,108	...	68,495,332	31,887,716	...	.466
	(Daily Basis)	403	123,915	...	766,524	6.186	...
	Total	28,511	123,915	68,495,332	32,654,240	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	51	15,896	...	167,943	10.565	...
26.	Department and gang foremen	2,044	646,600	...	4,915,481	7.602	...
27.	Blacksmiths	552	...	1,109,605	870,524	...	.785
28.	Boilermakers	1,031	...	2,057,033	1,658,067	...	.806
29.	Carmen (a)	2,008	...	3,983,539	3,230,520	...	.811
30.	Carmen (b)	443	...	878,582	722,158	...	.822
31.	Carmen (c)	4,870	...	10,049,329	7,324,799	...	.729
32.	Carmen (d)	210	...	395,210	292,207	...	.739
33.	Electrical workers	747	...	1,631,822	1,245,484	...	.763
34.	Machinists	3,454	...	6,951,996	5,539,158	...	.797
35.	Moulders	78	...	151,676	125,017	...	.824
36.	Pipe fitters and sheet metal workers	992	...	1,958,627	1,580,659	...	.807
37.	Helpers to mechanics	5,714	...	11,603,092	6,716,694	...	.579
38.	Helper apprentices	11	...	21,140	10,107	...	.478
39.	Regular apprentices	1,366	...	2,621,626	1,239,695	...	.473

(Daily Basis)	2,095	662,496	...	5,083,424	7.673	...
Total	30,591	662,496	59,822,951	42,852,224	...	...
TRANSPORTATION						
44. Inspectors and sergeants of police	145	47,890	...	339,345	7.086	...
45. Constables and policemen	595	193,447	...	1,000,268	5.171	...
46. Storekeepers	156	48,067	...	315,726	6.568	...
47. Storemen	1,357	...	2,977,536	1,510,473	...	.507
48. Train despatchers and traffic supervisors	439	...	1,125,748	1,392,440	...	1.237
49. Supervisory agents and assistants	569	...	1,439,313	1,255,601	...	.872
50. Station agents - non-telegraphers (small station)	159	...	407,261	135,049	...	.332
51. Station agents - telegraphers and telephoners	4,757	...	12,186,083	8,834,029	...	.725
52. Signalmen (non-telegraphers) at interlockers	262	...	681,851	375,628	...	.551
53. Foremen in freight sheds	408	...	926,819	642,459	...	.693
54. Freight handlers and other station employees	4,011	...	8,658,604	4,383,711	...	.506
55. Labourers	468	...	1,101,675	425,106	...	.386
56. Dining car and restaurant inspectors, conductors & stewards	232	...	679,634	416,498	...	.613
57. Dining car and restaurant helpers and attendants	973	...	2,720,380	1,014,189	...	.373
58. News agents	165	51,265	...	112,909	2.202	...
59. Floating equipment employees	562	...	1,874,012	709,737	...	.379
60. Sleeping and parlour car inspectors and conductors	151	...	407,682	289,780	...	.711
61. Sleeping and parlour car porters	801	...	2,323,615	885,273	...	.381
62. Drawbridge operators	88	...	238,980	129,706	...	.543
63. Signalmen or watchmen at crossings (non-interlocked)	596	...	1,545,368	618,105	...	.400
64. Yardmasters and assistants	300	100,318	...	898,227	8.954	...
65. Switch tenders	322	102,168	...	491,914	4.815	...
66. Hostlers	391	124,668	...	675,328	5.417	...
67. Road passenger conductors	679	...	1,513,050	1,939,938	...	1.282
68. Road freight conductors	1,636	...	4,041,211	4,413,641	...	1.092
69. Road passenger brakemen, baggagemen & flagmen	1,530	...	3,253,691	3,065,141	...	.942
70. Road freight brakemen and flagmen	3,731	...	8,254,830	7,066,885	...	.856
71. Yard conductors and yard foremen	979	...	2,506,986	2,130,042	...	.850
72. Yard brakemen and helpers	2,208	...	5,103,014	4,017,943	...	.787
73. Road passenger engineers and motormen	858	...	1,770,964	2,925,720	...	1.652
74. Road freight engineers and motormen	2,069	...	4,986,007	6,167,491	...	1.237
75. Yard engineers and motormen	938	...	2,543,089	2,254,039	...	.886
76. Road passenger firemen and helpers	851	...	1,651,383	2,148,061	...	1.301
77. Road freight firemen and helpers	2,250	...	4,951,268	4,658,000	...	.941
78. Yard firemen and helpers	987	...	2,526,411	1,748,670	...	.692
Total .....(Hourly Basis)	34,549	...	82,396,465	65,553,355	...	.796
(Daily Basis)	2,074	667,823	...	3,833,717	5.741	...
Total	36,623	667,823	82,396,465	69,387,072	...	...
79. Express department	2,398	697,926	...	3,591,038	5.145	...
80. Radio department	28	8,677	...	32,732	3.772	...
81. Employees engaged in outside operations	10,987	...	29,191,260	13,668,676	...	.468
GRAND TOTAL .....(Hourly Basis)	102,140	...	239,906,008	148,878,547	...	.621
(Daily Basis)	25,684	7,821,790	...	46,229,804	5.910	...
Total 1938	127,824	7,821,790	239,906,008	195,108,351	...	...
Total 1937	133,467	8,161,814	253,896,585	193,355,584	...	...
82. Total number of female employees (monthly average)	5,300	...	...	...	...	...
83. Total pay roll charged to operating expenses	...	...	...	177,968,455	...	...
84. Pullman, bridge and tunnel companies (Hourly Basis)	333	...	961,438	490,021	...	.510
(Daily Basis)	18	6,464	...	37,563	5.811	...
Total	351	6,464	961,438	527,584	...	...

TABLE 4.

RAILWAY ACCIDENTS

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars.

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		T O T A L	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	5	58	-	1	5	59
Collisions	-	5	3	23	-	3	3	31
Derailments	-	28	7	45	3	14	10	87
Parting of trains	-	-	-	2	-	-	-	2
Locomotives or cars breaking down	-	1	-	1	-	-	-	2
Falling from trains, locomotives or cars	3	9	8	111	28	68	39	188
Struck by trains, locomotives or cars	1	3	16	26	183	295	200	324
Overhead obstructions	-	-	-	3	-	-	-	3
Other causes	-	268	6	629	21	148	27	1,045
Total	4	314	45	898	/ 235	/ 529	284	1,741

/ Postal clerks	-	27
Other persons - trespassing	149	206
not trespassing	86	296
Total	235	529

Struck at Highway Crossings-		
Trainmen and passengers	1	3
Pedestrians	10	3
Motorists	85	205
In other vehicles	-	24
Total	96	235

Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT
	Killed	Injured	Killed	Injured	BECAUSE OF INJURY
	No.	No.	No.	No.	
Trainmen	29	782	-	208	33,584
Switchtenders, crossing tenders, watchmen	-	1	-	19	361
Stationmen	3	19	1	569	13,488
Shopmen	1	21	4	1,336	37,011
Trackmen	11	55	2	1,807	53,159
Telegraph employees	1	2	1	68	2,023
Other employees	1	18	1	56	2,676
Total Employees	45	898	9	4,063	142,302
Passengers			-	37	
Postal clerks			-	4	
Other persons			2	35	
Total All Persons			11	4,139	
Cause of Accident					
Handling traffic			-	306	
Handling tools, machinery, etc.			2	803	
Handling supplies			2	794	
Getting on and off locomotives or cars at rest			-	115	
Other causes			7	2,121	
Total			11	4,139	

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1939

The slump in railway revenues which took place in 1938 was carried over into the first four months of 1939, but from May until the end of the year increases over revenues of the corresponding month of the previous year were recorded each month. Total revenues for the year amounted to $367,179,095 compared with $336,833,400 in 1938. Operating expenses increased to $304,373,285 from $295,705,638 for 1938. The reductions in basic rates of pay which had been in effect for several years were fully restored by April 1, 1938, and no major changes have since been made, consequently changes in expenses reflect changes in volume of work and not in rates of wages. Railway taxes of $10,034,137 represented 2.7 per cent of gross revenues. These were greater than for 1938 by $297,721 but less than for 1937.

Interest on funded and unfunded debt was reduced from $79,215,333 in 1938 to $79,022,934 and the funded debt outstanding at the end of the year was reduced from $1,568,269,672 to $1,533,373,521. The net corporate income of all railways before deduction of dividends and profit and loss items was a debit of $27,298,993 compared with a debit of $55,023,359 in 1938. The Canadian National System reduced its loss by $16,231,733 or from $54,470,997 to $38,239,264 and the Canadian Pacific increased its income by $8,519,766 or from $1,262,382 to $9,782,148.

The miles of road operated at the end of the year was reduced by 105.4 miles to 42,636.9 miles. The principal decreases were the Canadian National line

between Hawkesbury and Hurdman (outside of Ottawa) 55.5 miles and the Canadian Pacific line between Linwood and Listowel 16.5 miles in Ontario which were abandoned, and the Canadian National line between Farnham and Frelighsburg 17.9 miles in Quebec also abandoned. There were no new lines opened and only minor additions made during the year.

Freight train miles increased by 5.7 per cent and tons of revenue freight carried increased by 11.1 per cent to 84,631,122 tons. The ton miles increased by 17.3 per cent indicating an increase in the average haul. The big increase in loadings was in Saskatchewan and largely in wheat, which is long-haul freight.

Passenger traffic dropped to 20,482,296 passengers carried and the number has been lower only in 1933 and 1935 during the last 38 years.

The number of employees increased by 1,538 to 129,362 and the total pay roll was $200,373,668 as against $195,108,351 in 1938. The average hourly wage for all employees on an hourly basis was 62.5 cents as against an average of 62.1 cents in 1938. This is a weighted average computed by dividing the total wages by the total time credited to the employees. The average wage for the year for this class of employees was $1,485 as against $1,458 in 1938. Employees on a daily, monthly, or annual basis numbered 26,135, an increase during the year of 451 and their salaries amounted to $47,110,114. The average daily rate of this class of employees, which includes clerks, executives, etc., was $5.91, the same as in 1938 and the yearly average was $1,803 in 1939 and $1,799 in 1938. These also are weighted averages and the large number of clerks with average annual wages of $1,546 and $1,510 in 1939 and 1938 respectively was the controlling factor, while janitors, cleaners, office boys, offset general officers, division officers, etc.

In train accidents there was only one passenger killed during the year and 322 were injured. The number of employees killed was reduced slightly, from 45 to 43, composed of 21 trainmen, 9 trackmen and 13 other employees. The number of employees injured was 879 as against 898 in 1938. There were 100 persons killed in highway crossing accidents, an increase of 4 over 1938, and 282 persons were injured as against 235 in 1938. Most of these were motorists, the number killed increasing from 85 to 90 and the number injured increasing from 205 to 269. These motorists will be classed in vital statistics as motor vehicle accidents. The

classifications have no connection with the person or company responsible for the accident; in many cases motorists drive in front of trains or crash into the sides of moving trains and are here classed as highway crossing accidents to motorists.

The number of trespassers, which include persons walking on the right of way, stealing rides on trains, crossing under gates at highway crossings while the gates are down, etc., which were killed was reduced from 140 to 128 and the number injured from 206 to 191.

In non-train accidents, which include handling rails, ties, materials in shops and in warehouses, etc., 16 persons were killed and 4,373 were injured.

Although the number of employees injured in train and non-train accidents increased from 4,961 in 1938 to 5,170 the time absent from work because of accidents was reduced from 142,302 to 136,637 days. In other words, there was an increase of 4 per cent in the number of accidents but a decrease of 4 per cent in the time lost because of these accidents.

The instructions on reporting accidents are to count as deaths persons dying from the results within 24 hours of the accident. All other serious injuries are to be reported as injuries. Injuries to employees include employees who are absent more than three days in the aggregate during the ten days immediately following the accident and for other persons those whose injuries prevent them from following his or her customary mode of living for more than one day. During the year 18 employees, 2 trespassers and 5 other persons were injured and subsequently died from the results of train accidents, also 16 persons committed suicide and 5 persons attempted to commit suicide which were not included in the above statistics.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1939.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central & Hudson Bay	1,930,421	1,597,285	333,136	40,090	293,046
2.	Alma and Jonquières	104,137	71,511	32,626	2,280	30,346
3.	British Yukon	216,048	148,436	67,612	8,796	58,816
4.	Canada and Gulf Terminal	89,589	71,355	18,234	3,471	14,763
5.	Canada Southern (N.Y.C. Lessee)	13,636,465	7,145,971	6,490,494	555,421	5,935,073
6.	Canadian National	173,059,119	157,549,269	15,509,850	4,162,081	11,347,769
7.	Canadian Pacific	152,148,993	118,396,388	33,752,605	4,360,493	29,392,112
8.	Central Vermont	229,363	190,474	38,889	1,961	36,928
9.	Cumberland	156,824	122,422	34,402	3,600	30,802
10.	Essex Terminal	224,978	166,344	58,634	10,391	48,243
11.	Greater Winnipeg Water District	97,757	92,997	4,760	...	4,760
12.	Hudson Bay	273,530	518,647	- 245,117	206	- 245,323
13.	Maine Central	13,973	12,548	1,425	702	723
14.	Maritime Coal, Railway & Power Co.	93,809	53,317	40,492	1,515	38,977
15.	Midland Railway of Manitoba	296,904	368,299	- 71,395	31,439	- 102,834
16.	Morrissey, Fernie and Michel	23,767	23,762	5	5	...
17.	Napierville Junction	452,771	317,859	134,912	10,249	124,663
18.	Nelson and Fort Sheppard	57,873	140,873	- 83,000	12,853	- 95,853
19.	Nipissing Central	522,008	478,405	43,603	1,956	41,647
20.	Northern Alberta	2,126,563	1,747,870	378,693	79,904	298,789
21.	Ottawa and New York	110,927	157,761	- 46,834	17,251	- 64,085
22.	Pacific Great Eastern	593,380	569,932	23,448	...	23,448
23.	Père Marquette	4,510,302	2,506,168	2,004,134	153,606	1,850,528
24.	Quebec Railway, Light & Power Company	351,114	396,983	- 45,869	16,837	- 62,706
25.	Roberval and Saguenay	664,574	204,683	459,891	48,077	411,814
26.	St. Lawrence and Adirondack	415,918	530,472	- 114,554	8,345	- 122,899
27.	Sydney and Louisburg	1,561,429	996,194	565,235	4,712	560,523
28.	Témiscouata	185,498	183,921	1,577	5,617	- 4,040
29.	Temiskaming & Northern Ontario	5,401,952	3,748,120	1,653,832	...	1,653,832
30.	Thousand Islands	31,715	31,068	647	178	469
31.	Toronto, Hamilton and Buffalo	1,838,910	1,314,716	524,194	99,803	424,391
32.	Toronto Terminals	292,481	580,108	- 287,627	250,416	- 538,043
33.	Vancouver, Victoria & Eastern	498,243	321,360	176,883	109,409	67,474
34.	Wabash (in Canada)	4,967,760	3,617,767	1,349,993	620	1,349,373
35.	Total 1939	367,179,095	304,373,285	62,805,810	≠ 10,034,137	52,803,526
	Total 1938	336,833,400	295,705,638	41,127,762	9,736,416	31,391,346
36.	Canadian National (Canada and U.S.)	203,820,186	182,965,768	20,854,418	6,246,461	14,607,957

≠ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to $31,853.

x Includes interest on $45,382,082 Dominion Government Loans $916,165.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1939.

Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
$	$	$	$	$	$	$
...	293,046	371,254	516,066	213,762	729,827	- 358,573
...	30,346	33,822	...	6,839	6,839	26,983
...	58,816	76,405	85,990	...	85,990	- 9,585
...	14,763	16,680	57,000	11,162	68,162	- 51,482
...	5,935,073	6,279,026	113,974	3,324,096	3,438,070	2,840,956
302,364	11,650,133	24,057,210	x 50,212,691	12,083,783	62,296,474	- 38,239,264
- 136,496	29,255,616	38,422,682	20,743,007	7,897,527	28,640,534	9,782,148
...	36,928	65,826	35,002	20,828	55,830	9,996
...	30,802	30,802	...	3,392	3,392	27,410
...	48,243	70,156	13,800	3,038	16,838	53,318
...	4,760	4,760	...	321	321	4,439
...	- 245,323	- 239,184	...	98,291	98,291	- 337,475
...	723	778	...	219	219	559
807	39,784	39,784	4,715	5,860	10,575	xx 29,209
...	- 102,834	- 87,695	...	119,691	119,691	- 207,386
...	...	...	...	...	...	...
...	124,663	128,888	4	81,994	81,998	46,890
...	- 95,853	- 94,613	...	15,474	15,474	- 110,087
...	41,647	42,704	...	35,909	35,909	6,795
145	298,934	1,589,276	1,380,797	182,456	1,563,253	26,023
...	- 64,085	- 57,581	843	29,720	30,563	- 88,144
6,879	30,327	39,063	3,683,018	95,459	3,778,477	- 3,739,414
...	1,850,528	2,009,098	181,866	1,210,696	1,392,562	616,536
...	- 62,706	- 42,486	xx 833	7,869	8,702	- 51,188
...	411,814	413,152	93,100	7,174	100,274	312,878
...	- 122,899	- 119,932	52,097	145,271	197,368	- 317,300
...	560,523	560,523	...	419,780	419,780	140,743
...	- 4,040	- 3,879	1,101	6,972	8,073	- 11,952
...	1,653,832	1,705,191	316,692	221,348	538,040	1,167,151
...	469	949	949	...	949	...
...	424,391	640,689	205,270	121,210	326,480	314,209
...	- 538,043	1,367,373	1,324,120	85,431	1,409,551	- 42,178
...	67,474	345,419	...	236,261	236,261	109,158
...	1,349,373	1,349,373	...	599,739	599,739	749,634
173,699	52,977,225	79,015,513	79,022,934	27,291,572	106,314,506	- 27,298,993
1,123,878	32,515,224	57,318,210	79,215,333	33,126,236	112,341,569	- 55,023,359
302,364	14,910,321	22,518,047	x 50,913,879	9,843,432	60,757,311	- 38,239,264

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1939

No.	Name of Railway	Miles of Road Operated: At Dec. 31st X	Miles of Road Operated: Average during Year /	Mileage of Revenue Freight Trains ø	Mileage of Revenue Passenger Trains ø	Total Revenue Train Mileage ø	Mileage Non reven Trai ø
1.	Algoma Central & Hudson Bay	320.8	321.8	305,783	...	305,783	12
2.	Alma and Jonquières	10.6	10.6	17,292	4,807	22,099	
3.	British Yukon	90.3	90.3	26,694	15,235	41,929	1
4.	Canada and Gulf Terminal	38.1	38.1	16,806	27,692	44,498	
5.	Canada Southern (N.Y.C. Lessee)	380.4	380.7	1,199,415	1,709,679	2,909,094	17
6.	Canadian National	21,723.2	21,935.8	25,620,710	16,512,078	42,132,788	1,044
7.	Canadian Pacific	16,700.5	17,175.9	21,198,912	16,398,070	37,596,982	505
8.	Central Vermont	25.3	25.3	19,734	35,850	55,584	
9.	Cumberland	31.3	31.3	30,340	...	30,340	
10.	Essex Terminal	21.3	21.3	11,857	...	11,857	
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	
12.	Hudson Bay	510.1	510.1	87,536	2,733	90,269	1
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	
13.	Maine Central	5.1	5.1	3,231	10	3,241	
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	13,848	2,628	16,476	
15.	Midland Railway of Manitoba	5.7	75.5	47,269	99,424	146,693	
16.	Morrissey, Fernie and Michel	5.4	5.4	6,787	...	6,787	
17.	Napierville Junction	27.1	41.7	28,930	95,840	124,770	
18.	Nelson and Fort Sheppard	54.8	60.9	19,292	33,569	52,861	
19.	Nipissing Central	59.7	59.7	70,172	116,090	186,262	
20.	Northern Alberta	922.7	927.6	372,087	133,214	505,301	3
21.	Ottawa and New York	56.8	58.7	18,923	62,422	81,345	
22.	Pacific Great Eastern	347.8	347.8	89,772	42,401	132,173	2
23.	Père Marquette	198.8	319.0	926,348	134	926,482	
24.	Quebec Railway, Light & Power Co.	25.4	25.4	19,641	276,368	296,009	
25.	Roberval and Saguenay	29.0	29.0	42,238	...	42,238	
26.	St. Lawrence and Adirondack	46.6	60.7	38,517	163,936	202,453	
27.	Sydney and Louisburg	70.3	70.3	141,754	11,129	152,883	
28.	Témiscouata	113.0	113.0	39,126	53,891	93,017	
29.	Temiskaming & Northern Ontario	514.0	514.0	640,922	499,633	1,140,555	
30.	Thousand Islands	4.5	4.5	10,665	11,882	22,547	
31.	Toronto, Hamilton and Buffalo	103.6	111.0	100,152	164,253	264,405	
32.	Toronto Terminals	3.2	3.2	...	...	...	
32a.	Van Buren Bridge	0.3	0.3	...	...	...	
33.	Vancouver, Victoria and Eastern	85.9	86.9	34,503	53,840	88,343	
34.	Wabash (in Canada)	...	245.4	1,032,364	...	1,032,364	
35.	Total 1939	42,636.9	42,676.4	52,231,620	36,526,808	88,758,428	1,7
	Total 1938	42,742.3	42,700.8	49,432,589	36,274,204	85,706,793	1,1
36.	Canadian National (Canada and U.S.)	23,406.4	23,668.4	29,707,142	18,678,336	48,385,478	1,0

X - Track operated under trackage rights excluded.

/ - Track operated under trackage rights included for each railway but excluded in total.

ø - Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1939.

No.	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles				Total Passenger Train Car Miles (1)
					Freight Loaded	Freight Empty	Caboose	Total	
1.	582,844	103,636,953	28,769	1,971,517	3,198,940	1,802,733	239,774	(3) 5,414,248	350,457
2.	161,011	1,771,121	15,228	167,508	68,125	55,156	...	123,281	4,807
3.	22,956	1,999,307	14,947	728,323	179,475	88,216	1,646	269,337	149,763
4.	56,864	1,100,623	21,852	511,852	62,246	36,186	...	98,432	34,034
5.	5,402,049	779,505,065	731,237	104,316,911	46,625,782	23,840,150	1,212,025	71,677,957	17,609,995
6.	36,385,690	14,721,293,311	9,545,546	802,450,837	622,676,124	283,169,181	25,501,555	931,346,860	134,153,610
7.	33,030,062	14,170,172,628	7,255,491	751,483,806	525,972,383	264,039,187	22,543,837	812,555,407	121,032,460
8.	703,572	17,126,251	82,259	1,927,166	702,742	297,822	20,054	1,020,618	277,176
9.	548,630	2,946,126	2,879	27,396	58,235	58,235	5,156	121,626	28,444
10.	568,499	2,842,495	...	...	120,465	116,675	12,000	249,140	...
11.	166,594	...	9,355	469,001	...	...	...	...	...
12.	74,048	35,928,436	4,753	842,384	1,149,398	922,741	105,340	2,177,479	291,244
12a.	...	...	...	...	...	...	...	...	...
13.	159,525	813,578	334	1,703	28,916	23,586	...	52,502	3,261
14.	157,991	1,290,891	3,884	26,611	50,362	30,040	...	80,402	3,950
15.	91,978	6,886,425	48,996	2,785,599	421,235	356,411	47,097	824,743	603,708
16.	112,679	605,086	...	...	...	...	...	...	...
17.	864,185	23,287,111	146,976	5,151,509	722,756	587,371	29,014	1,339,141	683,322
18.	38,114	1,507,830	9,802	246,818	69,240	50,759	17,979	137,978	57,955
19.	395,232	13,626,793	98,722	3,578,582	818,001	460,052	70,172	1,348,225	576,770
20.	533,346	136,975,534	78,573	8,684,713	6,297,018	2,983,199	462,337	9,742,554	1,396,684
21.	102,502	4,852,200	34,507	908,005	160,959	134,390	19,082	314,431	135,051
22.	58,848	9,055,837	20,860	1,597,145	605,867	393,942	34,331	(4)1,204,773	378,355
23.	2,431,531	436,010,066	503	10,816	23,068,100	13,656,994	962,700	37,687,794	70,845
24.	187,680	3,876,567	1,130,436	10,911,949	145,943	124,799	18,966	289,708	441,811
25.	679,018	13,391,255	350	5,964	280,779	270,130	27,838	578,747	15,934
26.	416,079	13,818,821	460,245	8,155,458	575,183	650,228	39,188	1,264,599	595,397
27.	4,560,736	63,460,742	7,430	119,969	1,625,163	1,598,127	112,426	3,335,716	72,476
28.	106,024	4,330,144	15,486	506,447	203,159	127,842	24,723	355,724	158,420
29.	1,454,551	282,216,354	382,867	32,973,524	13,163,736	5,089,167	636,298	18,889,201	3,708,005
30.	(2)	92,668	3,241	14,584	9,350	3,595	...	12,945	14,408
31.	1,691,731	64,285,204	245,982	9,051,765	2,286,881	1,286,691	101,333	3,674,905	925,465
32.	...	...	...	...	...	...	...	...	...
32a.	...	...	...	...	...	...	...	...	...
33.	325,135	8,640,358	80,786	2,345,471	407,416	275,992	26,029	709,437	380,080
34.	2,507,291	537,666,490	...	...	32,134,111	14,249,429	1,006,060	47,389,600	105,704
35.	(5) 84,631,122	31,464,991,270	20,482,296	1,751,973,333	1,283,888,090	616,779,026	53,276,960	1,954,297,819	(1)284,259,691
	(5) 76,175,305	26,834,696,695	20,911,196	1,783,177,557	1,161,064,104	562,455,922	48,630,033	1,772,150,059	253,814,658
36.	45,691,284	17,084,258,927	10,144,749	875,418,448	734,039,378	344,051,585	28,733,425	1,106,824,388	151,206,611

(1) Includes Motor Unit Car Miles - 2,458,366 miles as motive power, 100,322 miles as trailers in motor unit car trains and 3,240 miles in locomotive drawn trains.

(2) Included in Canadian National Railways.

(3) Includes 172,801 miles in Non-revenue Service.

(4) " 170,633 " " " " "

(5) Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1939.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	506	152,708	...	3,364,054	22.029	...
2.	Division officers	883	278,497	...	3,146,716	11.299	...
3.	Assistant engineers and draftsmen	496	150,875	...	1,097,912	7.277	...
4.	Other miscellaneous officials	1,303	389,333	...	3,543,951	9.110	...
5.	Clerks	13,096	4,036,625	...	20,256,791	5.019	...
6.	Telephone switchboard operators	244	73,369	...	236,853	3.228	...
7.	Office boys, messengers, attendants & misc. trades workers	989	295,837	...	765,071	2.586	...
8.	Janitors and cleaners	1,478	380,623	...	1,105,314	2.904	...
	Total ..... (Daily Basis)	18,995	5,767,871	...	33,521,662	[illegible].822	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	362	111,591	...	665,107	5.960	...
10.	Carpenters and bridgemen	1,676	...	3,991,871	2,452,669	...	.614
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths, and pump repairers	280	...	705,482	508,803	...	.721
12.	Masons, bricklayers, plasterers and painters	216	...	495,511	313,488	...	.633
13.	Helpers, B. and B. department	193	...	457,099	225,246	...	.493
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist & steam shovel employees	284	...	798,623	511,845	...	.641
16.	Pumpmen	391	...	1,014,219	489,510	...	.483
17.	Extra gang and snow plough foremen	303	...	544,711	397,782	...	.730
18.	Signal foremen	34	10,662	...	91,265	8.560	...
19.	Section foremen	5,757	...	14,552,619	8,691,186	...	.597
20.	Sectionmen	14,487	...	35,021,414	15,007,641	...	.429
21.	Labourers	5,670	...	13,225,335	4,043,308	...	.306
22.	Foremen - Linemen	29	9,068	...	59,939	6.610	...
23.	Telegraph and telephone linemen and groundmen	36	...	84,149	48,491	...	.576
24.	Signal and interlocker maintainers and repairmen	384	...	1,025,944	713,585	...	.696
	Total ..... (Hourly Basis)	29,676	...	71,916,977	33,403,554	...	.464
	(Daily Basis)	425	131,321	...	816,311	6.216	...
	Total	30,101	131,321	71,916,977	34,219,865	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	54	16,358	...	176,295	10.777	...
26.	Department and gang foremen	2,036	644,975	...	4,929,735	7.643	...
27.	Blacksmiths	545	...	1,146,409	904,323	...	.789
28.	Boilermakers	997	...	2,068,176	1,679,372	...	.812
29.	Carmen (a)	1,765	...	3,579,879	2,914,567	...	.814
30.	Carmen (b)	403	...	827,672	681,769	...	.824
31.	Carmen (c)	4,750	...	10,032,981	7,367,080	...	.734
32.	Carmen (d)	179	...	357,564	265,942	...	.744
33.	Electrical workers	725	...	1,622,801	1,247,780	...	.769
34.	Machinists	3,409	...	7,091,427	5,697,010	...	.803
35.	Moulders	76	...	154,393	127,319	...	.825
36.	Pipe fitters and sheet metal workers	917	...	1,875,721	1,514,908	...	.808
37.	Helpers to mechanics	5,594	...	11,715,502	6,815,602	...	.582
38.	Helper apprentices	11	...	21,401	9,652	...	.451
39.	Regular apprentices	1,354	...	2,727,812	1,401,308	...	.514
					[illegible]		.438

	Total ..... (Hourly Basis)	794	...	1,978,558	1,161,945	...	.587
	(Daily Basis)	27,614	...	59,626,719	37,900,848	...	.636
	Total	2,090	661,333	...	5,106,030	7.721	...
		29,704	661,333	59,626,719	43,006,878	...	...
	TRANSPORTATION						
44.	Inspectors and sergeants of police	145	47,391	...	340,659	7.188	...
45.	Constables and policemen	751	244,085	...	1,133,515	4.644	...
46.	Storekeepers	152	46,929	...	310,783	6.622	...
47.	Storemen	1,445	...	3,211,730	1,623,819	...	.506
48.	Train despatchers and traffic supervisors	438	...	1,127,958	1,405,923	...	1.246
49.	Supervisory agents and assistants	498	...	1,285,591	1,174,105	...	.913
50.	Station agents - non-telegraphers (small station)	188	...	391,031	153,370	...	.387
51.	Station agents - telegraphers and telephoners	4,721	...	12,170,488	8,908,227	...	.732
52.	Signalmen (non-telegraphers) at interlockers	266	...	684,637	391,028	...	.557
53.	Foremen in freight sheds	381	...	942,961	685,596	...	.706
54.	Freight handlers and other station employees	4,100	...	9,222,613	4,707,195	...	.510
55.	Labourers	486	...	1,163,985	432,064	...	.397
56.	Dining car and restaurant inspectors, conductors & stewards	232	...	585,399	474,696	...	.605
57.	Dining car and restaurant helpers and attendants	1,047	...	2,939,602	1,097,450	...	.373
58.	News agents	168	50,056	...	115,581	2.309	...
59.	Floating equipment employees	564	...	1,923,351	717,439	...	.373
60.	Sleeping and parlour car inspectors and conductors	144	...	403,824	287,016	...	.712
61.	Sleeping and parlour car porters	779	...	2,282,449	873,415	...	.381
62.	Drawbridge operators	98	...	238,719	130,655	...	.547
63.	Signalmen or watchmen at crossings (non-interlocked)	578	...	1,495,249	602,192	...	.403
64.	Yardmasters and assistants	305	100,936	...	987,140	9.066	...
65.	Switch tenders	318	103,507	...	500,423	4.835	...
66.	Hostlers	376	124,445	...	676,614	5.437	...
67.	Road passenger conductors	660	...	1,485,673	1,944,306	...	1.309
68.	Road freight conductors	1,686	...	4,305,970	4,709,445	...	1.092
69.	Road passenger brakemen, baggagemen & flagmen	1,971	...	3,162,902	3,071,374	...	.971
70.	Road freight brakemen and flagmen	3,864	...	8,751,917	7,525,481	...	.860
71.	Yard conductors and yard foremen	1,026	...	2,625,608	2,256,168	...	.859
72.	Yard brakemen and helpers	2,273	...	5,305,186	4,224,838	...	.796
73.	Road passenger engineers and motormen	827	...	1,754,441	2,949,166	...	1.681
74.	Road freight engineers and motormen	2,144	...	5,339,012	6,549,106	...	1.245
75.	Yard engineers and motormen	931	...	2,601,685	2,322,500	...	.893
76.	Road passenger firemen and helpers	822	...	1,837,400	2,156,896	...	1.217
77.	Road freight firemen and helpers	2,323	...	5,304,135	5,304,133	...	.949
78.	Yard firemen and helpers	973	...	2,687,032	1,804,026	...	.697
	Total ..... (Hourly Basis)	34,954	...	86,040,326	69,240,186	...	.802
	(Daily Basis)	2,213	717,382	...	3,994,715	5.569	...
	Total	37,167	717,382	86,040,326	72,239,901	...	...
79.	Express department	2,412	710,650	...	3,871,396	5.186	...
80.	Communication department	2,426	...	5,874,496	3,326,386	...	.566
81.	Employees engaged in outside operations	8,567	...	22,807,501	10,387,690	...	.455
	GRAND TOTAL ..... (Hourly Basis)	103,227	...	245,266,019	155,263,554	...	.625
	(Daily Basis)	26,135	7,978,507	...	47,110,114	5.905	...
	Total 1939	129,362	7,978,507	245,266,019	200,373,668	...	...
	Total 1938	127,824	7,821,790	239,906,008	195,108,351	...	...
82.	Total number of female employees (monthly average)	4,798	...	...	...	...	...
83.	Total pay roll charged to operating expenses	...	...	...	184,637,196	...	...
84.	Pullman, bridge and tunnel companies (Hourly Basis)	314	...	909,024	475,561	...	.523
	(Daily Basis)	17	6,340	...	37,736	5.952	...
	Total	331	6,340	909,024	513,297	...	...

RAILWAY ACCIDENTS

1939

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars.

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		TOTAL	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	2	2	55	-	-	2	57
Collisions	1	32	7	43	54	211	62	286
Derailments	-	14	2	21	1	-	3	35
Getting on or off trains	-	50	1	154	11	41	12	247
Locomotives or cars breaking down	-	1	-	-	-	-	-	1
Falling from trains, locomotives or cars	-	16	3	86	16	53	19	155
Struck by trains, locomotives or cars	-	1	35	30	138	142	173	173
Overhead obstructions	-	-	-	9	-	1	-	10
Other causes	-	204	3	481	9	93	12	778
Total	1	322	43	879	/ 239	/ 541	283	1,742

/ Postal clerks	-	22
Other persons - trespassing	128	191
not trespassing	111	328
Total	239	541

Struck at Highway Crossings-		
Trainmen and passengers	-	-
Pedestrians	7	3
Motorists	90	269
In Other vehicles	3	10
Total	100	282

Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY
	Killed No.	Injured No.	Killed No.	Injured No.	
Trainmen	21	738	-	233	31,773
Switchtenders, crossing tenders, watchmen	2	4	-	35	1,058
Yardmen	2	4	1	522	11,219
Shopmen	3	29	4	1,359	35,706
Trackmen	9	64	9	1,872	48,890
Telegraph employees	-	1	-	45	1,763
Other employees	8	39	1	225	6,228
Total Employees	43	879	15	4,291	136,637
Passengers			-	40	
Postal clerks			-	7	
Other persons			1	35	
Total All Persons			16	4,373	
Cause of Accident					
Handling traffic			-	325	
Handling tools, machinery, etc.			3	924	
Getting on and off locomotives or cars at rest			-	128	
Other causes			13	2,996	
Total			16	4,373	

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
1940

Canadian railways earned more than four hundred million dollars for the first time in 1919. The revenues stayed well above that amount until 1931 when they dropped to $358,549,382 and continued to decline in each of the two succeeding years. With the exception of 1938,each year 1934-1940 inclusive, has shown an increase over the preceding year and 1940 revenues again passed the four hundred million mark, amounting to $429,142,659; monthly reports for 1941 show continued increases. Operating expenses increased from $304,373,285 for 1939 to $335,237,503. Taxes were higher than in 1939 by $4,512,152 or 45 per cent. The income and excess profits tax accounted for the major portion of this increase. Interest on funded and unfunded debt increased from $79,022,934 to $79,786,267. Canadian National Railways reduced its interest from $50,212,691 in 1939 to $50,091,224; the Canadian Pacific interest was increased from $20,743,007 to $21,481,106, and the other large item was $3,785,075 for the Pacific Great Eastern which includes interest on advances from the Province of British Columbia to cover deficits of the railway. During the year the United Kingdom Government redeemed Grand Trunk Railway 4% perpetual consolidated debenture stock held in the United Kingdom,which in turn was purchased by the Canadian National Railways through a 3½% loan from the Dominion Government. The discount on sterling made a net reduction in the debt of $5,503,500 and a substantial reduction in annual interest charges. The total of these debentures outstanding was £24,624,455, and almost all of it was held in the United Kingdom.

The corporate income of all railways, exclusive of dividend, sinking fund and reserve charges and all profit and loss items, was a credit of $3,759,598 as against a debit of $27,298,993 for 1939, and was the first credit since 1929 when it was $3,975,147. The Canadian National Railways reduced its debit

by $22,854,694 and the Canadian Pacific showed an increase of $10,362,908.

The average miles of road operated during the year was reduced from 42,676.4 miles in 1939 to 42,601.0. Revenue freight train miles increased by 13.8 per cent and passenger train miles by 2.1 per cent, but revenue freight ton miles increased by 20.4 per cent to 37,898,196,157 which has been exceeded only by the 1928 ton miles. Passengers carried increased by 7.3 per cent and passenger miles increased by 24.2 per cent. The average passenger journey was 99.1 miles which is the longest yet recorded for any year. Passenger train car miles, however, were increased only 4.2 per cent.

The number of employees increased from 129,362 in 1939 to 135,700 or by 4.9 per cent. The number of female employees increased from 4,798 to 6,229 or by 30 per cent which was probably an effect of the war. The number of employees on hourly rates increased by 5.5 per cent, the time on duty increased by 7.7 per cent and the wages increased by 8.3 per cent. Those on a daily, monthly or annual basis increased by 2.4 per cent, time worked increased by 3.4 per cent and salaries were greater by 3.0 per cent. The average hourly wage increased from 62.5 cents in 1939 to 62.8 cents and the average daily wage increased from $5.905 to $5.884. Averages of salaries ranging from that of a messenger boy to the president, are not very informative and must be used with caution. The majority of the classes, however, are fairly homogeneous and the average hourly or daily wage will indicate trends fairly accurately for each class.

The number of employees is the average of counts made each month. For the majority of the employees only one count is made each month and this is all that is required by the Bureau, but some of the railways make counts more often for classes that fluctuate considerably from month to month. The ideal method would be to count employees each working day, add all the counts and divide the total by the number of counts. This would give the true average number of full-time employees for the year. As the number of counts is reduced the chance of error increases but high and low counts should offset each other fairly closely and 12 counts per year should give an average very close to the true average. It should be understood that these are annual averages, thus three employees included in only four counts during the year would be counted as an average of only one employee for the year. These employees might follow one another on the same job or they might all work at the same time on seasonal jobs, etc. Consequently, average time worked or wages paid per employee are necessarily on an annual basis and not the average of

all employees on the pay roll irrespective of time worked.

The employees reported are those domiciled in Canada except that the Canadian Pacific included 1,725 employees with $3,379,926 wages and the Canadian National included 643 with $970,225 wages who were domiciled outside of Canada. The United States railways operating in Canada charge certain labour expenses to the Canadian operations but the employee schedule includes only employees domiciled in Canada.

During the year 275 persons were killed in train accidents as against 283 in 1939 and 2,070 persons were injured compared with 1,742 in 1939. Of the injured 30 subsequently died as a result of their injuries as against 25 in 1939. The main factor in this decrease in persons killed was a decrease of 33 trespassers killed, which was undoubtedly the result of higher employment and consequently fewer persons stealing rides on trains, walking on the tracks, etc. There also was a decrease of 85 trespassers injured, a drop from 191 in 1939 to 106 in 1940. The number of motorists involved in train accidents at highway crossings increased from 90 killed and 269 injured in 1939 to 93 killed and 338 injured. The ratio of killed to injured at urban crossings was 15.8 per cent, whereas at rural crossings it was 38.4 per cent, the higher speeds of both trains and motor vehicles at rural crossings undoubtedly being the cause of the higher ratio. There were 11 trackmen riding on work motor cars struck and injured by automobiles at highway crossings. In non-train accidents such as occur in machine shops, unloading and handling rails, etc., 25 persons were killed and 5,145 were injured. Injuries range all the way from slight cuts to very serious injuries, consequently only the number of persons injured is not enough to measure the increased or decreased hazards. For employees the time absent from work because of accidents is also compiled. During 1940 employees lost 166,288 days because of injuries as compared with 136,637 days in 1939 or an increase of 21.7 p.c.

The instructions on reporting accidents are to count as deaths persons dying from the results within 24 hours of the accident. All other serious injuries are to be reported as injuries. Injuries to employees include employees who are absent more than three days in the aggregate during the ten days immediately following the accident and for other persons those whose injuries prevent them from following his or her customary mode of living for more than one day. During the year 12 persons committed suicide and 2 persons attempted to commit suicide which were not included in the above statistics.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1940.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	2,647,321	2,041,738	605,583	20,807	584,776
2.	Alma and Jonquières	156,279	108,206	48,073	20,263	27,810
3.	British Yukon	197,304	144,681	52,623	9,069	43,554
4.	Canada and Gulf Terminal	109,100	79,679	29,421	2,686	26,735
5.	Canada Southern (Lessee N.Y.C.)	14,155,169	9,023,815	5,131,354	970,035	4,161,319
6.	Canadian National	212,300,711	175,718,566	36,582,145	4,232,545	32,349,600
7.	Canadian Pacific	171,535,475	127,559,593	43,975,882	7,765,866	36,210,016
8.	Central Vermont	255,721	193,673	62,048	1,958	60,090
9.	Cumberland	166,486	123,963	42,523	3,500	39,023
10.	Essex Terminal	313,536	206,824	106,712	11,183	95,529
11.	Greater Winnipeg Water District	92,466	85,396	7,070	...	7,070
12.	Hudson Bay	115,479	470,257	- 354,778	195	- 354,973
13.	Maine Central	13,957	14,385	- 428	677	- 1,105
14.	Maritime Coal, Railway & Power Company	124,862	58,070	66,792	16,914	49,878
15.	Midland Railway of Manitoba	316,522	336,582	- 70,060	31,681	- 101,741
16.	Morrissey, Fernie and Michel	35,677	25,115	10,562	5,359	5,203
17.	Napierville Junction	485,816	350,061	135,755	15,641	120,114
18.	Nelson and Fort Sheppard	63,342	115,900	- 52,558	13,298	- 65,856
19.	Nipissing Central	450,593	457,731	- 7,138	1,423	- 8,561
20.	Northern Alberta	2,517,430	1,737,422	780,008	84,578	695,430
21.	Ottawa and New York	112,985	160,203	- 47,218	17,692	- 64,910
22.	Pacific Great Eastern	542,346	564,680	- 22,334	...	- 22,334
23.	Père Marquette	4,686,622	2,853,422	1,833,200	207,301	1,625,899
24.	Quebec Railway, Light & Power Company	433,840	365,148	68,692	16,000	52,692
25.	Roberval and Saguenay	937,521	378,261	559,260	229,347	329,913
26.	St. Lawrence and Adirondack	580,952	643,111	- 62,159	8,828	- 70,987
27.	Sydney and Louisburg	1,719,695	1,123,095	596,600	4,710	591,890
28.	Témiscouata	214,092	203,647	10,445	3,004	7,441
29.	Temiskaming and Northern Ontario	5,351,691	3,629,423	1,722,268	...	1,722,268
30.	Thousand Islands	36,894	29,839	7,055	199	6,856
31.	Toronto, Hamilton and Buffalo	2,397,511	1,463,843	933,668	421,563	512,105
32.	Toronto Terminals	323,361	574,600	- 251,239	229,548	- 480,787
33.	Vancouver, Victoria and Eastern	510,555	349,319	161,236	114,100	47,136
34.	Wabash (in Canada)	5,241,348	4,047,255	1,194,093	727	1,193,366
	Total 1940	429,142,659	335,287,503	93,855,156	≠ 14,514,436	79,394,459
35.						
	Total 1939	367,179,095	304,373,285	62,805,810	10,002,284	52,803,526
36.	Canadian National (Canada & U.S.)	247,527,225	202,519,813	45,007,412	6,245,956	38,761,456

≠ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to $53,739.

x Includes interest on $113,882,334 Dominion Government Loans $1,737,963.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1940.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	...	584,776	667,304	515,425	221,184	736,609	- 69,305
2.	...	27,810	32,310	...	13,177	13,177	19,133
3.	...	43,554	63,787	85,990	...	85,990	- 22,203
4.	...	26,735	28,852	57,000	4,275	61,275	- 32,423
5.	...	4,161,319	4,457,721	150,919	3,301,125	3,452,044	1,005,677
6.	502,186	32,851,786	45,469,507	x 50,091,224	10,762,853	60,854,077	- 15,384,570
7.	3,412,159	39,622,175	49,212,517	21,481,106	7,586,355	29,067,461	20,145,056
8.	...	60,090	54,255	35,617	18,638	54,255	...
9.	...	39,023	39,023	...	1,061	1,061	37,962
10.	...	95,529	126,792	13,800	22,434	36,234	90,558
11.	...	7,070	7,070	...	337	337	6,733
12.	...	- 354,973	- 344,063	...	79,785	79,785	- 423,848
13.	...	- 1,105	- 1,044	...	174	174	- 1,218
14.	...	49,878	30,151	8,908	7,935	16,843	xx 33,308
15.	...	- 101,741	- 77,938	...	128,051	128,051	- 205,989
16.	...	5,203	5,203	...	...	...	5,203
17.	...	120,114	121,466	...	91,686	91,686	29,780
18.	...	- 65,856	- 65,248	...	16,399	16,399	- 81,647
19.	...	- 8,561	- 6,509	...	36,217	36,217	- 42,726
20.	295	695,725	1,646,994	1,403,900	208,718	1,612,618	34,376
21.	...	- 64,910	- 58,664	1,077	26,057	27,134	- 85,798
22.	5,874	- 16,460	- 6,927	3,785,075	93,226	3,878,301	- 3,885,228
23.	...	1,625,899	1,785,585	181,866	1,313,604	1,495,470	290,115
24.	...	52,692	72,912	xx 833	13,414	14,247	58,665
25.	...	329,913	335,950	93,100	30,126	123,226	212,724
26.	...	- 70,987	- 68,934	54,474	177,370	231,844	- 300,778
27.	...	591,890	591,890	...	483,926	483,926	107,964
28.	...	7,441	7,609	1,099	6,510	7,609	...
29.	...	1,722,268	1,757,595	306,610	194,463	501,073	1,256,522
30.	...	6,856	7,407	7,407	...	7,407	...
31.	...	512,105	811,935	204,370	237,628	441,998	369,937
32.	...	- 480,787	1,344,611	1,306,467	38,144	1,344,611	...
33.	...	47,136	320,840	...	316,660	316,660	4,180
34.	...	1,193,366	1,193,366	...	605,928	605,928	587,438
35.	3,920,514	83,314,973	109,583,325	79,786,267	26,037,460	105,823,727	3,759,598
	173,699	52,977,225	79,015,513	79,022,934	27,291,572	106,314,506	- 27,298,993
36.	502,186	39,263,642	47,062,563	x 50,736,878	11,710,255	62,447,133	- 15,384,570

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1940.

No.	Name of Railway	Miles of Road Operated: At Dec. 31st X	Miles of Road Operated: Average during Year ≠	Mileage of Revenue Freight Trains ø	Mileage of Revenue Passenger Trains ø	Total Revenue Train Mileage ø	Mileage of Non-revenue Trains ø
1.	Algoma Central and Hudson Bay	320.8	321.8	374,861	...	374,861	22,729
2.	Alma and Jonquières	10.6	10.6	21,713	6,017	27,730	...
3.	British Yukon	90.3	90.3	26,937	12,274	39,211	1,184
4.	Canada and Gulf Terminal	38.1	38.1	13,452	40,140	53,592	...
5.	Canada Southern (Lessee N.Y.C.)	380.3	380.6	1,292,933	1,690,709	2,983,642	18,222
6.	Canadian National	21,667.8	21,878.1	30,282,401	17,138,936	47,421,337	1,146,168
7.	Canadian Pacific	16,684.2	17,158.7	23,379,054	16,622,171	40,001,225	498,741
8.	Central Vermont	25.3	25.3	19,464	35,376	54,840	854
9.	Cumberland	31.3	31.3	30,300	...	30,300	...
10.	Essex Terminal	21.3	21.3	15,417	...	15,417	...
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	...
12.	Hudson Bay	510.1	510.1	61,837	5,410	67,247	8,016
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	...
13.	Maine Central	5.1	5.1	3,232	...	3,232	20
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	16,020	2,765	18,785	...
15.	Midland Railway of Manitoba	5.7	75.5	48,376	98,099	146,475	...
16.	Morrissey, Fernie and Michel	5.4	5.4	7,775	...	7,775	...
17.	Napierville Junction	27.1	41.7	27,652	96,266	123,918	3,598
18.	Nelson and Fort Sheppard	54.8	60.8	18,720	34,541	53,261	2,410
19.	Nipissing Central	59.7	59.7	71,848	102,546	174,394	2,024
20.	Northern Alberta	922.6	927.5	394,647	131,250	525,897	27,960
21.	Ottawa and New York	56.8	58.7	19,487	37,288	56,775	80
22.	Pacific Great Eastern	347.8	347.8	86,786	34,398	121,184	16,700
23.	Père Marquette	198.8	319.0	1,021,024	46	1,021,070	10,055
24.	Quebec Railway, Light & Power Co.	25.4	25.4	23,719	281,831	305,550	5,105
25.	Roberval and Saguenay	29.0	29.0	49,824	...	49,824	...
26.	St. Lawrence and Adirondack	46.5	60.6	48,246	153,276	201,522	684
27.	Sydney and Louisburg	70.3	70.3	153,308	12,773	166,081	...
28.	Témiscouata	113.0	113.0	39,204	56,846	96,050	1,621
29.	Temiskaming and Northern Ontario	514.0	514.0	649,337	469,426	1,118,763	21,322
30.	Thousand Islands	4.5	4.5	5,810	14,660	20,470	...
31.	Toronto, Hamilton and Buffalo	103.6	111.0	111,094	163,669	274,763	5,624
32.	Toronto Terminals	3.2	3.2	...	...	...	...
32a.	Van Buren Bridge	0.3	0.3	...	...	...	...
33.	Vancouver, Victoria and Eastern	85.9	86.8	32,618	53,008	85,626	2,840
34.	Wabash (in Canada)	...	245.4	1,091,130	...	1,091,130	400
	Total 1940	42,564.9	42,601.0	59,438,226	37,293,721	96,731,947	1,796,337
35.							
	Total 1939	42,636.9	42,676.4	52,231,620	36,526,808	88,758,428	1,708,894
36.	Canadian National (Canada and U.S.)	23,406.4	23,603.4	34,570,862	19,171,839	53,742,701	1,192,967

X - Track operated under trackage rights excluded.

≠ - Track operated under trackage rights included for each railway but excluded in total.

ø - Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1940.

No.	Revenue Freight		Revenue Passengers		Freight Car Miles				Total Passenger Train Car Miles (1)
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	1,105,233	146,373,037	34,330	2,410,307	4,325,982	2,322,204	304,196	(3)7,391,363	373,165
2.	248,820	2,737,020	22,849	251,262	96,032	77,112	...	173,144	6,017
3.	18,740	1,610,612	13,411	658,230	155,374	88,981	1,218	245,573	145,257
4.	77,696	1,346,342	30,204	623,837	68,582	40,968	13,452	123,002	40,140
5.	6,227,430	864,622,863	713,005	106,187,814	50,501,731	26,666,821	1,317,806	78,486,358	17,196,658
6.	44,028,614	18,815,800,802	10,590,772	1,058,394,536	746,994,192	360,722,277	30,321,270	1,138,037,739	141,996,047
7.	36,745,946	16,203,942,242	7,781,227	925,331,767	588,309,479	303,585,159	24,852,781	916,747,429	125,847,673
8.	842,430	20,027,485	68,797	1,599,076	838,807	279,839	20,432	1,139,078	261,912
9.	596,080	3,172,856	3,408	31,081	63,570	63,570	5,594	132,734	26,376
10.	786,116	3,930,580	...	...	159,425	148,910	12,000	320,335	...
11.	161,696	...	7,480	370,824	...	...	...	...	...
12.	12,303	4,499,865	4,620	796,323	463,622	325,636	75,025	864,283	281,625
12a.	...	...	...	...	...	...	...	...	...
13.	159,491	813,404	144	734	27,404	24,777	71	52,252	3,161
14.	223,132	1,847,992	5,201	36,758	64,472	41,272	...	105,744	4,148
15.	98,112	7,049,064	35,684	1,968,613	440,858	352,822	48,520	842,200	541,562
16.	135,129	725,642	...	...	24,165	24,165	...	48,330	...
17.	872,574	23,502,254	122,157	4,151,216	752,672	637,397	26,321	1,416,390	637,016
18.	33,930	1,462,495	10,822	249,002	69,669	53,720	20,563	143,952	64,462
19.	349,184	13,464,295	81,847	2,973,430	746,552	358,006	71,848	1,176,406	553,353
20.	620,306	172,302,577	31,304	8,572,047	7,466,110	3,653,309	473,360	11,589,379	1,370,163
21.	117,506	5,447,569	27,596	781,481	182,654	119,230	19,617	321,501	89,739
22.	47,401	8,210,999	20,656	1,395,290	564,666	348,582	21,617	(4)1,064,164	371,258
23.	2,737,805	473,279,299	570	10,941	25,401,237	15,535,677	1,047,014	41,983,928	67,026
24.	264,511	5,460,812	1,268,641	11,792,996	198,634	166,012	21,717	386,363	468,548
25.	919,264	18,379,241	415	6,685	409,137	368,237	37,166	814,540	13,581
26.	687,278	21,995,089	408,620	7,281,888	849,558	940,718	52,637	1,842,913	553,199
27.	5,011,116	70,185,877	7,694	118,689	1,766,569	1,742,565	...	3,509,134	76,146
28.	124,445	5,374,697	18,486	621,649	234,963	147,806	25,519	408,288	164,658
29.	1,591,668	318,651,617	322,004	29,326,506	14,290,679	5,049,461	644,447	19,984,587	3,586,986
30.	(2)	120,159	3,249	14,620	10,880	4,120	...	15,000	14,660
31.	2,411,412	90,541,795	223,366	7,982,126	2,930,390	1,878,360	116,718	4,925,468	865,039
32.	...	...	...	...	...	...	...	...	...
32a.	...	...	...	...	...	...	...	...	...
33.	345,762	9,635,737	61,053	1,733,328	448,348	330,639	26,925	805,912	349,356
34.	2,752,603	581,601,773	...	...	33,653,964	15,738,020	1,067,118	50,459,102	108,139
35.	(5)97,947,541	37,698,195,157	21,969,871	2,176,467,876	1,482,500,377	742,642,362	60,645,552	2,285,356,591	(1)296,077,060
	(5)84,631,122	31,464,931,270	20,482,298	1,751,973,333	1,286,888,090	618,779,026	53,276,950	1,954,297,819	284,259,591
36.	55,060,232	21,532,181,524	11,204,289	1,124,820,121	870,370,678	430,179,766	33,737,942	1,344,288,386	159,112,972

(1) Includes Motor Unit Car Miles - 2,454,485 miles as motive power, 47,050 miles as trailers in motor unit car trains and 51,823 miles in locomotive drawn trains.
(2) Included in Canadian National Railways.
(3) Includes 438,981 miles in Non-revenue Service.
(4) Includes 129,299 " " " " "
(5) Duplications excluded.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1940.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	508	153,013	...	3,421,633	22.362	...
2.	Division officers	843	268,677	...	3,014,410	11.219	...
3.	Assistant engineers and draftsmen	572	178,707	...	1,254,093	7.220	...
4.	Other miscellaneous officials	1,193	330,584	...	3,506,669	9.731	...
		13,401	4,152,394	...	20,798,508	5.007	...
5.	Clerks	181	52,307	...	185,498	3.546	...
6.	Telephone switchboard operators	1,086	329,055	...	838,296	2.548	...
7.	Office boys, messengers, attendants & misc. trades workers	1,606	484,854	...	1,249,149	2.873	...
8.	Janitors and cleaners						
	Total ..... (Daily Basis)	19,390	5,925,791	...	34,270,256	5.783	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	382	119,198	...	713,642	5.987	...
10.	Carpenters and bridgemen	1,682	...	4,088,245	2,508,631	...	.614
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths, and pump repairers	286	...	721,921	523,503	...	.725
		246	...	581,107	362,839	...	.624
12.	Masons, bricklayers, plasterers and painters	191	...	462,910	227,564	...	.492
13.	Helpers, B. and B. department	...	...	...	...	...	...
14.	Apprentices, B. and B. department	306	...	881,557	570,793	...	.647
15.	Pile driver, ditching, hoist and steam shovel employees	377	...	1,012,207	484,846	...	.479
16.	Pumpmen	315	...	650,106	483,413	...	.733
17.	Extra gang and snow plough foremen	34	11,207	...	97,619	8.634	...
18.	Signal foremen	5,732	...	14,740,237	8,806,372	...	.597
19.	Section foremen	14,611	...	35,771,968	15,298,031	...	.428
20.	Sectionmen	6,896	...	16,655,768	5,349,955	...	.321
21.	Labourers	31	9,876	...	66,732	6.757	...
22.	Foremen - Linemen	55	...	123,627	72,674	...	.588
23.	Telegraph and telephone linemen and groundmen	396	...	1,069,560	738,756	...	.691
24.	Signal and interlocker maintainers and repairmen						
	Total ..... (Hourly Basis)	30,994	...	76,768,233	35,427,377	...	.461
	(Daily Basis)	447	140,381	...	877,993	6.254	...
	Total	31,441	140,381	76,768,233	36,305,370	6.254	.461
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	55	17,227	...	185,537	10.770	...
26.	Department and gang foremen	2,039	651,799	...	4,990,100	7.656	...
27.	Blacksmiths	609	...	1,327,995	1,046,475	...	.788
28.	Boilermakers	1,103	...	2,425,373	1,973,915	...	.815
		1,834	...	3,812,892	3,106,708	...	.815
29.	Carmen (a)	418	...	848,647	708,616	...	.835
30.	Carmen (b)	5,061	...	11,006,464	8,075,986	...	.734
31.	Carmen (c)	203	...	412,128	305,774	...	.742
32.	Carmen (d)	762	...	1,759,915	1,355,540	...	.770
33.	Electrical workers	3,764	...	8,224,717	6,633,098	...	.806
34.	Machinists	97	...	204,802	169,694	...	.829
35.	Moulders	991	...	2,084,898	1,695,716	...	.813
36.	Pipe fitters and sheet metal workers						

37.	Helpers to mechanics	6,080	...	13,264,829	7,712,633	...	.581
38.	Helper apprentices	8	...	17,941	7,916	...	.441
39.	Regular apprentices	1,537	...	3,151,321	1,559,268	...	.495
40.	Car cleaners	1,222	...	3,084,416	1,327,307	...	.437
41.	Other unskilled employees	2,850	...	7,021,069	3,013,817	...	.429
42.	Unclassified labourers	2,353	...	5,409,188	2,190,939	...	.405
43.	Stationary engineers, firemen and oilers	822	...	2,070,740	1,216,539	...	.587
	Total ..... (Hourly Basis)	29,714	...	66,075,337	42,097,941	...	.637
	(Daily Basis)	2,094	669,026	...	5,175,637	7.736	...
	Total	31,808	669,026	66,075,337	47,273,578	7.736	.637
	TRANSPORTATION						
44.	Inspectors and sergeants of police	166	53,785	...	385,076	7.160	...
45.	Constables and policemen	718	234,942	...	1,103,808	4.698	...
46.	Storekeepers	256	78,567	...	515,178	6.557	...
47.	Storemen	1,565	...	3,453,595	1,716,443	...	.497
48.	Train despatchers and traffic supervisors	455	...	1,187,360	1,471,196	...	1.239
49.	Supervisory agents and assistants	484	...	1,231,120	1,159,240	...	.942
50.	Station agents - non-telegraphers (small station)	160	...	392,565	150,383	...	.383
51.	Station agents - telegraphers and telephoners	4,779	...	12,521,601	9,099,729	...	.727
52.	Signalmen (non-telegraphers) at interlockers	262	...	696,300	386,574	...	.555
53.	Foremen in freight sheds	399	...	1,009,906	709,278	...	.702
54.	Freight handlers and other station employees	4,502	...	10,257,013	5,280,413	...	.515
55.	Labourers	553	...	1,349,546	553,112	...	.410
56.	Dining car and restaurant inspectors, conductors & stewards	244	...	737,292	440,765	...	.598
57.	Dining car and restaurant helpers and attendants	1,325	...	3,940,591	1,449,789	...	.368
58.	News agents	168	50,909	...	137,021	2.691	...
59.	Floating equipment employees	600	...	1,945,562	771,392	...	.396
60.	Sleeping and parlour car inspectors and conductors	150	...	420,678	296,748	...	.705
61.	Sleeping and parlour car porters	814	...	2,384,671	903,542	...	.379
62.	Drawbridge operators	88	...	231,872	127,996	...	.552
63.	Signalmen or watchmen at crossings (non-interlocked)	549	...	1,430,177	573,614	...	.401
64.	Yardmasters and assistants	342	114,378	...	1,032,873	9.030	...
65.	Switch tenders	355	108,229	...	522,221	4.825	...
66.	Hostlers	377	130,427	...	710,087	5.444	...
67.	Road passenger conductors	660	...	1,504,070	1,984,423	...	1.319
68.	Road freight conductors	1,819	...	4,870,095	5,311,511	...	1.091
69.	Road passenger brakemen, baggagemen and flagmen	1,477	...	3,202,375	3,094,389	...	.966
70.	Road freight brakemen and flagmen	4,206	...	9,931,100	8,574,327	...	.863
71.	Yard conductors and yard foremen	1,116	...	3,003,811	2,581,305	...	.859
72.	Yard brakemen and helpers	2,455	...	6,097,008	4,845,980	...	.794
73.	Road passenger engineers and motormen	824	...	1,787,536	3,013,533	...	1.686
74.	Road freight engineers and motormen	2,388	...	6,107,150	7,601,143	...	1.245
75.	Yard engineers and motormen	970	...	2,955,629	2,649,646	...	.896
76.	Road passenger firemen and helpers	808	...	1,672,909	2,190,917	...	1.310
77.	Road freight firemen and helpers	2,639	...	6,056,252	5,752,730	...	.950
78.	Yard firemen and helpers	1,025	...	2,931,528	2,064,749	...	.704
	Total ..... (Hourly Basis)	37,316	...	93,309,812	74,782,867	...	.801
	(Daily Basis)	2,362	771,237	...	4,406,264	5.713	...
	Total	39,678	771,237	93,309,812	79,189,131	5.713	.801
79.	Express department	2,467	743,461	...	3,811,451	5.127	...
80.	Communication department	5,350	...	13,348,794	7,326,440	...	.549
81.	Employees engaged in outside operations	5,566	...	14,593,853	6,358,937	...	.436
	GRAND TOTAL ..... (Hourly Basis)	108,940	...	264,096,029	165,963,562	...	.628
	(Daily Basis)	26,760	8,249,896	...	48,541,601	5.884	...
	Total 1940	135,700	8,249,896	264,096,029	214,505,163	5.884	.628
	Total 1939	129,362	7,978,507	245,266,019	200,373,668	...	...
82.	Total number of female employees (monthly average)	6,229	...	...	...	...	...
83.	Total pay roll charged to operating expenses	...	...	...	192,944,479	...	...
84.	Pullman, bridge and tunnel companies (Hourly Basis)	160	...	465,512	222,113	...	.477
	(Daily Basis)	16	5,940	...	36,195	6.093	...
	Total	176	5,940	465,512	258,308	6.093	.477

(1) Average of counts made each month.

RAILWAY ACCIDENTS

1940

TABLE 4.

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars.

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		TOTAL	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	-	5	69	-	-	5	69
Collisions	-	54	2	61	100	356	102	471
Derailments	-	18	5	17	-	2	5	37
Getting on or off trains	2	51	4	235	[illegible]	28	14	314
Locomotives or cars breaking down	-	-	-	-	-	-	-	-
Falling from trains, locomotives or cars	3	7	4	137	19	30	26	174
Struck by trains, locomotives or cars	-	1	25	44	91	48	116	93
Overhead obstructions	-	-	-	19	-	1	-	20
Other causes	-	146	4	696	3	50	7	892
Total	5	277	49	1,278	≠ 221	≠ 515	275	2,070
≠ Postal clerks					2	32		
Other persons - trespassing					95	106		
not trespassing					124	377		
Total					221	515		
Struck at Highway Crossings -								
Trainmen and passengers					-	15		
Pedestrians					13	8		
Motorists					93	338		
In Other vehicles					6	9		
Total					112	370		

Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY
	Killed No.	Injured No.	Killed No.	Injured No.	
Trainmen	22	1,059	-	229	40,863
Switchtenders, crossing tenders, watchmen	2	16	1	38	1,127
Stationmen	-	14	2	668	16,817
Shopmen	8	36	2	1,563	42,238
Trackmen	14	90	5	2,191	57,979
Telegraph employees	1	4	-	64	2,038
Other employees	2	59	-	200	5,226
Total Employees	49	1,278	10	4,953	166,288
Passengers			1	101	
Postal clerks			1	16	
Other persons			13	75	
Total All Persons			25	5,145	
Cause of Accident					
Handling traffic			-	439	
Handling tools, machinery etc.			1	1,219	
Getting on and off locomotives or cars at rest			1	166	
Other causes			23	3,321	
Total			25	5,145	

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Minister of Trade and Commerce.

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1941

OTTAWA

Price 10 cents

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1941

For the third time in their history the railways earned more than five hundred million dollars. The total for 1941 was $538,291,947 and was second only to $563,732,260 earned in 1928. Freight revenues at $421,407,313 were a new high record, exceeding the previous peak made in 1928 by $7,821,329. Although passenger traffic measured in revenue passenger miles was the heaviest since 1920, reduced rates produced passenger revenues considerably below those of 1917 to 1930 inclusive. Compared with 1928 passenger miles were up by 2 p.c., but revenues were down by 29 p.c., and compared with the peak year, 1920, passenger miles were down by 9 p.c., and revenues were down by 42 p.c..

Total operating revenues increased 25.5 p.c. over those of 1940 and operating expenses increased by 20.4 p.c., producing net operating revenues of $134,558,405, the largest to date, which is comparable with $93,855,156 for 1940 and $121,030,990 for 1928. The income and excess profits tax was the main factor in increasing taxes to $25,045,411 as compared with $14,460,697 in 1940 and $11,131,594 in 1928. Interest on funded and unfunded debt amounted to $78,632,039 as compared with $79,786,267 in 1940, and after adjusting for revisions in interest accrued on Dominion Government advances to the Canadian National Railways to the 1941 basis it is comparable with $65,822,828 in 1928.

The net corporate income available for dividends, sinking funds and reserves, etc. amounted to $40,403,934 as compared with $3,759,598 in 1940, and after adjustment for Canadian National interest on Government advances $57,313,151 in 1928 and a debit of $62,634,775 in 1932, the worst year experienced by the railways.

Freight train miles increased over 1940 by 22.6 p.c. for an increase in car miles of 25.3 p.c., and in revenue ton miles of 31.9 p.c. An indication of faster movement is time worked by road freight conductors which increased only 18.8 p.c. The average freight revenue per ton mile was only 0.843 cent which was the lowest since 1918 before the general rate increases became effective. This was due to reductions in rates and to a large increase in tonnage of low rate freight and in long haul freight. The tonnage of wheat

was by far the heaviest back to 1928, and the average haul for all revenue freight increased to 428 miles as against 387 miles in 1940, 351 miles in 1928 and 304 miles in 1929.

Passenger traffic showed a much greater increase in 1941 than in 1940, the increases being 47 and 24 p.c. respectively. Passenger train miles increased by 16.6 p.c., car miles by 15.2 p.c., and the time worked by road passenger conductors by 9.3 p.c. The average revenue per passenger mile was reduced to 1.86 cents, which is the lowest on record (back to 1907). Reduced rates to the armed forces was the main factor in this decrease.

The number of employees increased from 135,700 in 1940 to 148,746 or by 9.6 p.c., and the pay roll increased from $214,505,163 to $252,398,865 or by 17.6 p.c. The number of employees is the average of 12 counts made on the 15th of each month or week day following the 15th, and consequently represents the number of full-time positions.

Comparisons with 1929 data, the year of highest railway employment, show a decrease of 22.6 p.c. in general and miscellaneous employees and a decrease of 17.0 p.c. in wages. Maintenance of way and structures employees decreased by 28.1 p.c. for a decrease in wages of 21.3 p.c., maintenance of equipment employees decreased by 25.4 p.c. for a decrease in wages of 18.4 p.c., and transportation employees decreased by 12.1 p.c. for a decrease in wages of 6.9 p.c.

A comparison of train crew data for 1929 shows that men employed as road passenger conductors, brakemen, baggagemen, flagmen, engineers, motormen, firemen and helpers decreased in number by 23.2 p.c., man hours worked decreased by 30.3 p.c. and wages decreased by 17.6 p.c. The ratio of decrease of wages to decrease of men was approximately the same as for the general and miscellaneous and maintenance employees.

Men employed as road freight conductors, brakemen, flagmen, engineers, motormen, firemen and helpers declined in number by only 8.2 p.c., man hours worked decreased by 20.2 p.c. and wages decreased by only 3.0 p.c. The gross ton miles moved by these crews increased by 33 p.c., and revenue ton miles increased by 43 p.c.

These data give some indication of the increased efficiency in railway operation during these 13 years by the use of heavier and faster locomotives and improved track, signals, dispatching and operation in general. Freight cars continued to increase in average capacity but the number has decreased for the past decade; the decrease in box cars since 1931 has been 40,707 in number or

27 p.c., and 1,260,933 tons or 21 p.c. in capacity. Passenger equipment has also continued to decline. The number of first class passenger cars has declined from 1,975 in 1931 to 1,886 in 1941 or by 4.5 p.c., parlour and sleeping cars declined from 1,545 to 1,123 or by 27 p.c., and total passenger train cars from 7,611 to 6,235 or by 18 p.c.

Consumption of coal by locomotives increased from 8,138,688 tons in 1940 to 9,988,171 tons, but the consumption of gasoline and diesel oil declined by 12 p.c., but it is a small part of the total fuel used. The average consumption of coal per gross ton mile hauled by freight locomotives was reduced by nearly 15 p.c. from 1928 to 1941.

During the year 376 persons were killed in train accidents as compared with 275 in 1940 and 479 in 1928. The number of employees included in these totals increased from 49 in 1940 to 88, passengers from 5 to 10 and trespassers from 95 to 130. The number of persons injured increased from 2,070 in 1940 to 2,756, trainmen accounting for 287 and trackmen for 35 of the increase.

There were also 27 persons killed and 6,790 injured in non-train accidents such as handling material in machine shops, etc.

In accidents at railway - highway crossings 136 persons were killed, the largest number since 1928,and 430 were injured, the largest number since 1929. The majority of these were motorists in accidents at unprotected crossings, although there were 3 persons killed and 8 injured at crossings protected by gates, and 20 killed and 61 injured at crossings protected by bells.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1941.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	3,676,475	2,752,809	923,666	60,373	863,293
2.	Alma and Jonquiere	161,241	123,764	37,477	10,579	26,898
3.	British Yukon	334,891	215,702	119,189	16,122	103,067
4.	Canada and Gulf Terminal	139,827	91,468	48,359	3,372	44,987
5.	Canada Southern (Lessee N.Y.C.)	16,315,483	10,218,748	6,096,735	1,221,750	4,874,985
6.	Canadian National	261,026,874	207,443,080	54,365,794	4,574,765	49,809,029
7.	Canadian Pacific	222,502,518	158,655,359	63,847,159	16,833,158	47,014,001
8.	Central Vermont	342,231	224,713	117,518	1,838	115,680
9.	Cumberland	189,672	131,261	58,411	3,875	54,536
10.	Essex Terminal	433,009	265,517	167,592	11,205	156,487
11.	Greater Winnipeg Water District	65,619	84,091	Dr. 18,472	...	Dr. 18,472
12.	Hudson Bay	119,128	480,987	Dr. 361,355	2,072	Dr. 363,927
13.	Maine Central	17,535	14,820	2,710	596	2,714
14.	Maritime Coal, Railway & Power Co.	150,951	68,288	81,662	21,735	59,933
15.	Midland Railway of Manitoba	280,628	373,971	Dr. 91,343	30,710	Dr. 122,053
16.	Morrissey, Fernie and Michel	47,838	34,501	13,332	7,544	5,788
17.	Napierville Junction	823,807	547,731	275,876	109,768	166,108
18.	Nelson and Fort Sheppard	59,667	125,144	Dr. 65,477	13,159	Dr. 78,636
19.	Northern Alberta	3,000,730	2,067,993	932,737	84,967	847,770
20.	Ottawa and New York	132,586	173,217	Dr. 40,631	16,001	Dr. 56,632
21.	Pacific Great Eastern	618,805	618,183	Dr. 4,678	1,145	Dr. 5,823
22.	Pere Marquette	5,784,225	3,558,738	2,805,429	413,577	1,791,852
23.	Quebec Railway, Light & Power Company	465,564	451,849	13,435	17,208	Dr. 3,743
24.	Roberval and Saguenay	1,296,161	837,848	858,313	410,319	447,994
25.	St. Lawrence and Adirondack	711,780	738,307	Dr. 27,527	9,346	Dr. 36,873
26.	Sydney and Louisburg	1,657,071	1,311,503	345,568	6,654	338,914
27.	Temiscouata	281,196	265,227	15,969	3,864	12,105
28.	Temiskaming and Northern Ontario	5,703,052	4,081,000	1,622,052	712	1,621,340
29.	Thousand Islands	45,053	35,323	9,725	341	9,384
30.	Toronto, Hamilton and Buffalo	5,112,085	3,660,821	1,451,762	819,751	632,011
31.	Toronto Terminals	400,874	1,127,510	Dr. 726,636	216,046	Dr. 942,682
32.	Vancouver, Victoria and Eastern	723,419	531,873	191,546	111,950	79,596
33.	Wabash (in Canada)	6,937,672	4,303,400	2,094,272	909	2,093,363
34.	Total 1941	558,291,947	403,735,542	134,558,405	≠ 25,045,411	109,512,994
35.	Total 1940	429,142,659	335,287,503	93,855,156	14,514,436	79,394,459
36.	Canadian National (Canada & U.S.)	304,376,778	237,768,437	66,608,341	6,926,513	59,681,828

≠ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to $40,576.

x Includes interest on $195,345,884 Dominion Government Loans $5,646,762.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1941.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	...	863,293	985,300	515,425	222,741	738,166	247,434
2.	...	26,898	31,927	...	15,035	15,035	16,892
3.	...	103,067	119,441	141,413	...	141,413	Dr. 21,972
4.	...	44,987	48,224	57,000	...	57,000	Dr. 8,776
5.	...	4,874,985	5,210,165	106,434	3,832,219	3,938,685	1,271,482
6.	591,501	50,400,530	63,438,804	x 49,915,478	8,084,365	57,999,843	5,438,961
7.	3,717,783	50,751,784	62,314,394	20,416,680	7,536,282	27,952,962	34,361,432
8.	...	115,680	128,941	35,456	38,235	73,691	55,250
9.	...	54,536	54,536	...	1,336	1,336	53,200
10.	...	156,487	187,775	13,800	63,343	77,143	110,632
11.	...	Dr. 18,472	Dr. 18,472	...	291	291	Dr. 18,763
12.	...	Dr. 363,927	Dr. 350,991	...	84,606	84,606	Dr. 435,597
13.	...	2,714	2,779	...	308	308	2,471
14.	...	59,933	62,422	5,734	7,774	13,508	48,914
15.	...	Dr. 122,053	Dr. 100,255	...	116,988	116,988	Dr. 217,221
16.	...	5,788	5,788	...	...	...	5,788
17.	...	166,108	167,561	25	102,405	102,430	65,131
18.	...	Dr. 78,636	Dr. 78,118	...	15,018	15,018	Dr. 93,136
19.	403	818,173	1,655,929	1,403,900	250,521	1,654,421	1,508
20.	...	Dr. 56,632	Dr. 50,223	1,057	24,409	25,466	Dr. 75,689
21.	6,426	603	8,726	3,907,943	90,369	3,998,312	Dr.3,988,586
22.	...	1,791,852	1,952,311	181,866	1,327,629	1,509,495	442,816
23.	...	Dr. 3,745	16,477	xx 833	15,644	16,477	...
24.	...	447,994	456,450	93,100	56,520	149,620	306,830
25.	...	Dr. 36,873	Dr. 33,603	53,090	192,347	245,437	Dr. 279,040
26.	...	338,914	338,914	...	359,175	359,175	Dr. 20,261
27.	...	12,105	12,351	281	11,708	11,989	362
28.	...	1,621,340	1,671,210	260,245	232,980	493,226	1,177,984
29.	...	9,384	10,051	10,051	...	10,051	...
30.	...	632,011	955,148	204,248	273,998	478,246	476,902
31.	...	Dr. 942,682	1,339,907	1,307,949	31,958	1,339,907	...
32.	...	79,596	354,265	...	350,673	350,673	3,592
33.	...	2,093,363	2,093,363	...	617,969	617,969	1,475,394
34.	4,316,113	113,829,107	142,992,819	78,632,039	23,956,846	102,588,885	40,403,934
35.	3,920,514	83,314,973	109,583,325	79,786,267	26,037,460	105,823,727	3,759,598
36.	591,501	60,273,329	67,789,547	x 50,490,192	11,860,394	62,350,586	5,438,961

TABLE 2. TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1941.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains ø	Mileage of Revenue Passenger Trains ø	Total Revenue Train Mileage ø	Mileage of Non-revenue Trains ø
		At Dec.31st X	Average during Year ≠				
1.	Algoma Central and Hudson Bay	320.8	321.8	459,719	...	459,719	39,372
2.	Alma and Jonquiere	10.6	10.6	21,593	...	21,593	...
3.	British Yukon	90.3	90.3	29,058	10,426	39,484	810
4.	Canada and Gulf Terminal	38.1	38.1	13,526	38,217	51,743	...
5.	Canada Southern (Lessee N.Y.C.)	370.0	370.3	1,448,875	1,613,929	3,062,804	37,530
6.	Canadian National	21,583.0	21,793.1	35,481,516	18,904,229	54,385,745	1,282,131
7.	Canadian Pacific	16,666.7	17,150.6	30,792,980	17,671,234	48,464,214	498,356
8.	Central Vermont	25.3	25.3	23,400	35,568	58,968	182
9.	Cumberland	31.3	31.3	34,540	...	34,540	...
10.	Essex Terminal	21.3	21.3	20,326	...	20,326	...
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	...
12.	Hudson Bay	510.1	510.1	60,314	5,604	65,918	9,883
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	...
13.	Maine Central	5.1	5.1	3,322	...	3,322	20
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	19,018	1,564	20,582	...
15.	Midland Railway of Manitoba	5.7	75.5	47,243	97,960	145,203	...
16.	Morrissey, Fernie and Michel	5.4	5.4	10,825	...	10,825	...
17.	Napierville Junction	27.1	41.7	45,676	95,710	141,386	578
18.	Nelson and Fort Sheppard	54.8	60.8	18,490	32,800	51,290	3,140
19.	Northern Alberta	922.6	927.5	470,225	130,805	601,030	31,760
20.	Ottawa and New York	57.3	58.0	19,751	37,347	57,098	...
21.	Pacific Great Eastern	347.8	347.8	89,191	36,290	125,481	20,431
22.	Pere Marquette	198.8	319.0	1,122,155	46	1,122,201	16,603
23.	Quebec Railway,Light & Power Co.	25.4	25.4	22,773	283,271	306,044	4,316
24.	Roberval and Saguenay	29.0	29.0	65,539	...	65,539	...
25.	St. Lawrence and Adirondack	46.6	60.7	69,020	139,904	208,924	842
26.	Sydney and Louisburg	70.3	70.3	158,050	17,513	175,563	...
27.	Temiscouata	101.1	112.8	46,794	48,390	95,184	2,918
28.	Temiskaming and Northern Ontario	574.0	574.0	734,750	513,774	1,248,524	33,409
29.	Thousand Islands	4.5	4.5	5,730	14,530	20,260	...
30.	Toronto, Hamilton and Buffalo	103.6	111.0	137,832	165,558	303,390	6,852
31.	Toronto Terminals	3.2	3.2	...	...	...	...
31a.	Van Buren Bridge	0.3	0.3	...	...	...	...
32.	Vancouver, Victoria and Eastern	85.9	86.8	46,493	52,515	99,008	1,015
33.	Wabash (in Canada)	...	245.4	1,328,973	...	1,328,973	873
34.	Total 1941	42,441.3	42,475.9	72,847,697	39,947,184	112,794,881	1,991,021
35.	Total 1940	42,564.9	42,601.0	59,438,226	37,293,721	96,731,947	1,796,337
36.	Canadian National (Canada & U.S.)	23,266.2	23,525.0	40,364,715	20,770,203	61,134,918	1,332,828

X Track operated under trackage rights excluded.

≠ Track operated under trackage rights included for each railway but excluded in total.

ø Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1941.

No.	Revenue Freight		Revenue Passengers		Freight Car Miles				Total Passenger Train Car Miles (1)
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	1,420,063	188,912,793	37,763	2,720,966	5,503,108	3,054,189	357,826	(3)9,571,068	430,407
2.	268,605	2,954,655	9,997	109,967	90,004	81,713	...	171,717	5,082
3.	18,376	1,563,422	12,669	816,342	168,787	107,521	...	276,308	149,048
4.	107,013	2,430,497	28,290	591,637	93,116	63,468	13,526	170,110	38,217
5.	7,944,469	1,087,480,710	731,518	113,509,623	58,301,712	26,593,847	1,507,373	86,402,932	18,068,305
6.	52,744,325	23,763,849,597	16,971,873	1,686,349,059	911,015,964	433,985,841	36,597,986	1,381,599,791	164,973,340
7.	44,709,716	22,534,036,723	9,144,613	1,313,489,479	764,738,266	419,755,473	32,610,144	1,217,103,883	143,517,273
8.	1,147,678	27,271,222	73,685	1,733,595	1,052,467	379,608	23,616	1,455,691	268,896
9.	667,701	3,590,094	4,297	45,301	70,045	70,045	7,974	148,064	25,912
10.	1,064,280	5,321,400	...	...	201,920	204,600	12,000	418,520	...
11.	123,326	...	8,518	400,919	...	...	...	...	...
12.	10,160	3,229,109	6,141	970,375	432,761	285,626	79,554	797,941	283,814
12a.	...	...	...	...	...	...	...	...	...
13.	203,462	1,037,656	76	388	32,757	29,133	163	62,053	3,160
14.	263,982	2,382,721	7,884	58,108	80,919	53,445	...	134,364	2,118
15.	90,511	6,481,081	42,536	2,166,799	392,498	263,816	47,191	703,505	517,876
16.	192,601	1,030,890	...	...	34,362	34,362	...	68,724	...
17.	1,741,373	46,944,127	120,329	4,149,431	1,295,823	956,583	45,194	2,297,600	581,462
18.	30,995	1,437,357	7,624	145,119	64,189	38,693	20,749	123,631	34,310
19.	721,480	197,715,949	100,098	12,760,744	8,525,506	4,101,074	542,563	13,169,143	1,495,475
20.	142,783	6,845,235	28,478	887,882	222,018	155,153	19,751	396,922	111,864
21.	62,037	9,655,756	21,853	1,413,800	616,325	418,743	25,965	(4)1,181,793	372,751
22.	3,603,713	640,096,377	399	6,373	30,708,065	14,521,347	1,170,623	46,400,035	75,495
23.	260,930	5,271,045	1,403,335	13,575,752	196,561	152,101	22,242	370,904	487,963
24.	1,381,537	26,504,767	295	4,670	512,906	481,523	52,245	1,046,674	13,719
25.	1,040,963	32,536,719	343,275	6,332,465	1,129,641	1,146,951	75,106	2,351,698	504,020
26.	4,439,846	66,605,079	10,129	177,787	1,575,501	1,561,386	127,862	3,264,749	92,052
27.	164,766	6,479,864	18,750	651,027	274,899	186,883	26,730	488,512	177,138
28.	1,865,465	370,596,995	332,493	31,875,291	15,917,859	5,781,510	731,838	22,431,207	3,664,005
29.	(2)	145,366	4,256	19,194	12,460	5,135	...	17,595	14,530
30.	3,243,722	120,451,910	250,834	8,848,966	3,781,983	2,109,726	142,897	6,034,606	839,175
31.	...	...	...	...	...	...	...	...	...
31a.	...	...	...	...	...	...	...	...	...
32.	546,441	15,973,525	56,733	1,728,471	613,651	512,351	38,854	1,164,856	502,236
33.	3,834,239	203,645,562	(2)	(2)	42,922,260	16,770,132	1,401,865	61,094,257	97,110
34.	(5)134,056,558	49,982,478,203	29,779,241	3,205,541,530	1,850,578,333	933,861,978	75,701,837	2,860,918,853	(1)337,144,753
35.	(5) 97,947,541	37,898,196,157	21,969,871	2,176,467,876	1,482,500,377	741,642,382	60,645,552	2,285,356,591	296,077,068
36.	65,370,412	27,199,875,760	17,681,343	1,761,970,856	1,061,072,611	513,659,506	40,543,146	1,615,275,263	179,759,264

(1) Includes Motor Unit Car Miles - 2,204,015 miles as motive power, 72,052 miles as trailers in motor unit car trains and 2,008 miles in locomotive drawn trains.
(2) Included in Canadian National Railways.
(3) Includes 655,945 miles in Non-revenue Service.
(4) Includes 120,760 " " " " "
(5) Duplications excluded.

TABLE 5. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1941.

No.	Division	Average Number of Employees (1)	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					$	$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	513	154,021	...	3,540,311	22.356	...
2.	Division officers	878	279,713	...	3,189,020	11.421	...
3.	Assistant engineers and draftsmen	561	178,564	...	1,347,457	7.546	...
4.	Other miscellaneous officials	1,180	353,976	...	3,585,761	10.134	...
5.	Clerks	14,456	4,191,711	...	25,300,760	6.035	...
6.	Telephone switchboard operators	187	55,158	...	202,074	3.664	...
7.	Office boys, messengers, attendants & misc. trades workers	1,222	375,288	...	1,026,953	2.736	...
8.	Janitors and cleaners	1,140	275,538	...	893,963	3.244	...
	Total ..... (Daily basis)	20,136	6,163,064	...	37,084,879	6.017	...
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	462	140,580	...	892,965	6.352	...
10.	Carpenters and bridgemen	1,967	...	4,771,178	3,052,985	...	0.640
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths, & pump repairers	810	...	803,816	602,400	...	0.749
12.	Masons, bricklayers, plasterers and painters	334	...	830,681	548,424	...	0.661
13.	Helpers, B. and B. department	715	...	533,207	282,970	...	0.532
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist and steam shovel employees	256	...	1,051,087	720,897	...	0.686
16.	Painters	378	...	1,018,756	522,745	...	0.513
17.	Extra gang and snow plough foremen	870	...	916,950	708,786	...	0.773
18.	Signal foremen	57	12,668	...	109,867	8.764	...
19.	Section foremen	5,781	...	14,805,540	9,317,937	...	0.629
20.	Sectionmen	15,819	...	38,208,708	17,530,170	...	0.459
21.	Labourers	5,807	...	22,842,822	7,845,077	...	0.343
22.	Foremen - Linemen	54	10,491	...	76,198	7.263	...
23.	Telegraph and telephone linemen and groundmen	49	...	120,300	74,475	...	0.619
24.	Signal and interlocker maintainers and repairmen	428	...	1,152,739	811,267	...	0.703
	Total ..... (Hourly Basis)	34,719	...	87,054,425	42,017,161	...	0.483
	(Daily Basis)	835	163,817	...	1,079,030	6.585	...
	Total	35,201	...	...	43,096,161	...	...
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	56	17,360	...	189,918	10.940	...
26.	Department and gang foremen	2,088	674,206	...	5,326,051	7.900	...
27.	Blacksmiths	630	...	1,456,788	1,210,025	...	0.831
28.	Boilermakers	1,125	...	2,708,433	2,298,889	...	0.849
29.	Carmen (a)	1,950	...	4,239,468	3,692,298	...	0.871
30.	Carmen (b)	439	...	983,939	857,551	...	0.872
31.	Carmen (c)	5,218	...	12,326,991	9,514,006	...	0.772
32.	Carmen (d)	231	...	505,230	401,230	...	0.794
33.	Electrical workers	775	...	1,907,835	1,523,356	...	0.798
34.	Machinists	2,761	...	8,954,820	7,409,694	...	0.836
35.	Moulders	117	...	258,227	226,144	...	0.876
36.	Pipe fitters and sheet metal workers	1,016	...	2,298,744	1,950,717	...	0.849

39.	Regular apprentices	27	...	60,216	33,230	...	0.552
40.	Car cleaners	1,545	...	3,387,556	1,600,975	...	0.473
41.	Other unskilled employees	1,325	...	3,358,716	1,594,569	...	0.475
42.	Unclassified labourers	3,204	...	7,948,248	3,649,390	...	0.459
43.	Stationary engineers, firemen and oilers	2,548	...	6,126,010	2,494,304	...	0.407
		832	...	2,128,701	1,299,404	...	0.610
	Total ..... (Hourly Basis)	31,193	...	73,980,468	49,226,606	...	0.665
	(Daily Basis)	2,144	891,568	...	5,515,969	7.976	...
	Total	33,337	...	...	54,742,575	...	...
	TRANSPORTATION						
44.	Inspectors and sergeants of police	175	57,390	...	426,885	7.458	...
45.	Constables and policemen	1,200	411,260	...	1,655,386	4.025	...
46.	Storekeepers	257	79,550	...	545,371	6.856	...
47.	Storemen	1,721	...	3,973,743	2,109,852	...	0.531
48.	Train despatchers and traffic supervisors	305	...	1,319,933	1,657,391	...	1.256
49.	Supervisory agents and assistants	498	...	1,801,654	1,251,652	...	0.982
50.	Station agents - non-telegraphers (small station)	185	...	390,604	157,255	...	0.403
51.	Station agents - telegraphers and telephoners	4,998	...	13,134,393	10,004,056	...	0.762
52.	Signalmen (non-telegraphers) at interlockers	705	...	691,286	405,427	...	0.586
53.	Foremen in freight sheds	488	...	1,087,941	812,095	...	0.746
54.	Freight handlers and other station employees	4,978	...	11,730,620	6,427,575	...	0.548
55.	Labourers	882	...	2,130,878	967,116	...	0.454
56.	Dining car and restaurant inspectors, conductors & stewards	192	107,508	...	254,148	2.363	...
57.	Dining car and restaurant helpers and attendants	1,904	668,880	...	2,073,876	3.098	...
58.	News agents	171	53,695	...	186,731	3.478	...
59.	Floating equipment employees	611	...	2,075,177	876,378	...	0.422
60.	Sleeping and parlour car inspectors and conductors	180	52,291	...	356,822	6.826	...
61.	Sleeping and parlour car porters	946	261,674	...	1,166,314	5.218	...
62.	Lamplighters and cleaners	92	...	245,559	147,241	...	0.599
63.	Flagmen at watchmen at crossings (non-interlocked)	332	...	1,440,122	619,624	...	0.430
64.	Gardeners and assistants	395	101,520	...	1,225,964	9.235	...
65.	Switch tenders	343	117,751	...	592,092	5.029	...
66.	Hostlers	430	148,065	...	842,813	5.692	...
67.	Road passenger conductors	715	...	1,845,700	2,738,103	...	1.371
68.	Road freight conductors	2,185	...	5,747,788	6,671,574	...	1.183
69.	Road passenger brakemen, baggagemen and flagmen	1,614	...	3,537,837	3,538,971	...	1.006
70.	Road freight brakemen and flagmen	5,854	...	12,850,958	10,910,642	...	0.906
71.	Yard conductors and yard foremen	1,588	...	3,843,056	3,580,705	...	0.998
72.	Yard brakemen and helpers	2,910	...	7,424,186	6,210,910	...	0.857
73.	Road passenger enginsers and motormen	885	...	1,944,854	3,365,301	...	1.751
74.	Road freight engineers and motormen	2,755	...	7,463,770	9,619,236	...	1.288
75.	Yard engineers and motormen	1,160	...	3,685,370	3,354,003	...	0.918
76.	Road passenger firemen and helpers	882	...	1,846,004	2,492,898	...	1.350
77.	Road freight firemen and helpers	3,084	...	6,737,398	7,348,786	...	1.090
78.	Yard firemen and helpers	1,251	...	3,650,800	2,632,259	...	0.721
	Total ..... (Hourly Basis)	39,178	...	98,883,088	87,113,778	...	0.881
	(Daily Basis)	6,150	2,197,963	...	9,622,675	4.378	...
	Total	45,328	...	...	96,736,453	...	...
79.	Express department	2,604	730,362	...	4,235,553	5.359	...
80.	Communication department	5,921	...	14,356,784	8,448,582	...	0.589
81.	Employees engaged in outside operations	6,121	...	16,548,299	8,054,862	...	0.487
	GRAND TOTAL ..... (Hourly Basis)	117,178	...	291,523,064	194,860,759	...	0.669
	(Daily Basis)	31,567	10,006,572	...	57,538,106	5.750	...
	Total 1941 ✓	148,746	...	...	252,398,865	...	...
	Total 1940 ✓	155,700	8,249,896	264,096,029	214,605,155	...	...
82.	Total number of female employees (monthly average)	6,189	...	...	...	...	...
83.	Total pay roll charged to operating expenses	...	...	...	226,248,582	...	...
84.	Pullman, bridge and tunnel companies (Hourly Basis)	60	...	166,948	79,277	...	0.475
	(Daily Basis)	116	42,458	...	181,361	4.272	...
	Total	176	...	...	260,638	...	...

(1) Average of counts made each month.

✓ Includes $4,880,755 for 2,300 employees domiciled outside of Canada.

✓ Includes $4,550,151 for 2,568 employees domiciled outside of Canada.

RAILWAY ACCIDENTS

1941

TABLE 4.

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars.

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		TOTAL	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injure
Coupling or uncoupling	-	-	4	92	-	7	4	9
Collisions	1	181	29	124	124	416	154	72
Derailments	1	91	9	41	-	6	10	13
Getting on or off trains	2	64	3	316	18	52	23	43
Locomotives or cars breaking down	-	1	-	-	-	2	-	
Falling from trains, locomotives or cars	4	8	3	129	15	13	22	15
Struck by trains, locomotives or cars	1	2	16	29	105	69	122	10
Overhead obstructions	-	-	1	19	-	-	1	1
Other causes	1	138	23	806	16	150	40	1,09
Total	10	485	88	1,556	≠ 278	≠ 715	376	2,78

≠ Postal clerks	1	106
Other persons - trespassing	130	137
not trespassing	147	472
Total	278	715

Struck at Highway Crossings -		
Trainmen and passengers	-	7
Pedestrians	13	5
Motorists	120	397
In Other vehicles	3	21
Total	136	430

Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY
	Killed No.	Injured No.	Killed No.	Injured No.	
Trainmen	55	1,346	-	465	51,978
Switchtenders, crossing tenders, watchmen	1	3	-	35	2,058
Stationmen	1	20	2	959	22,354
Shopmen	5	54	5	2,067	51,967
Trackmen	24	125	10	2,682	70,937
Telegraph employees	-	1	-	37	822
Other employees	2	7	1	198	4,191
Total Employees	88	1,556	18	6,443	X 204,307

Passengers	-	167
Postal clerks	-	36
Other persons	9	144
Total All Persons	27	6,790

Cause of Accident		
Handling traffic	-	619
Handling tools, machinery etc.	1	1,199
Getting on and off locomotives or cars at rest	-	214
Other causes	26	4,758
Total	27	6,790

X - Excludes 1,269 days for 4 permanent disabilities.

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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1942



OTTAWA
1943

Price 10 cents

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1942

One effect of the war on the railways has been to raise the revenues to the highest point in their history. Total operating revenue amounted to $663,610,570 which was $296,431,475, or 81 per cent, greater than the 1939 revenue. Freight revenue increased by $216,960,590, or 76 per cent, and passenger traffic showed even greater rates of increase. Passenger revenues were larger than in 1939 by 153 per cent, sleeping car revenues increased by 122 per cent, parlour and chair car revenues by 108 per cent, express by 40.6 per cent, and even milk revenue increased by 23 per cent. Revenue from dining and buffet service increased from $1,819,988 to $5,825,211, or by 220 per cent, and hotel and restaurant revenues increased by 112 per cent. Mail revenue increased by only $617,354, or 8.6 per cent.

Operating expenses increased from $304,373,285 in 1939 to $485,783,584, or by $181,410,299 or 60 per cent. These operating expenses for 1942 include $16,985,000 for maintenance of way and structures and of equipment which accrued but was not expended because of inability to secure the necessary materials and labour and the Canadian National Railway charged to operating expenses $5,839,471 to offset increases in inventory values which it is anticipated will decline at the termination of the war.

Deferred maintenance charged to operating expenses in 1941 amounted to $4,000,000, making the total accumulated fund at December 31, 1942, $20,985,000, or 16.3 per cent of the total maintenance charges for 1939.

Taxes increased to $34,886,660, an increase over 1941 of $9,841,249, or 39 per cent, and an increase over 1939 taxes of $24,884,376, or 249 per cent. These taxes do not include the refundable portion of the Dominion income and excess profits tax which was treated by the railways as an investment and carried in the general balance sheet as a deferred asset. For 1942 this asset amounted to $269,271. Interest on funded and unfunded debt was reduced during the

year by $2,446,449, or 3.1 per cent.

The miles of railway operated was reduced during the year by 102.7 miles. Freight traffic was heavier than in 1939 by 50,043,415 tons, or 59 per cent, and by 24,689,581,000 ton miles, or 78 per cent, for an increase in freight train miles of only 48 per cent.

As freight traffic increased delays to loading and unloading of freight increased at accelerated rates as indicated by the demurrage revenues in relation to car loadings and freight loadings and unloadings exclusive of merchandise.

	Demurrage Revenue	Car Loadings	Revenue Freight Loaded and Unloaded
	$	Cars	Tons
1939	305,908	1,902,417	117,581,854
1940	504,830	2,139,835	136,171,690
Per cent increase over 1939	68	13	16
1941	1,131,647	2,455,747	160,840,635
Per cent increase over 1940	124	15	18
1942	2,807,794	2,635,065	177,465,185
Per cent increase over 1941	148	7	10

Passenger traffic increased over 1939 by 27,114,306 passengers,or 133 per cent, and by 5,237,323,000 passenger miles, or 185 per cent. Excluding 11,468,219 commuters working in war plants outside of Montreal in 1942 and 144,312,000 passenger miles for them, the increase over 1939 traffic was 78 per cent in passengers carried and 176 per cent in passenger miles for an increase in total train miles including commuter trains of only 18 per cent and an increase in total passenger train car miles of 33 per cent.

The number of employees (average of 12 monthly counts) increased from 129,562 in 1939 to 157,740, or by 22 per cent, and the pay roll increased from $200,373,668 to $291,416,755, or by 45 per cent.

Each class of employee showed increases in average annual wages over 1939 wages and smaller increases in average hours worked. The increases in wages were due to cost-of-living

bonus and longer hours including overtime. Shifting dining and sleeping car employees from the hourly basis group to the daily basis group reduced the average annual wage of this latter group under "Transportation" although each class showed increases in wages. The wages of these employees which do not include tips paid by the public are below the average of all transportation employees. Consequently they reduce whichever group in which they are included.

Next to executives, general officers and assistants whose average salary increased from $6,648 in 1939 to $7,133, or by 7.3 per cent, road passenger engineers showed the highest average annual wage of $3,890, an increase over 1939 average of 9.1 per cent for an increase in hours worked from 2,121 to 2,177, or 2.6 per cent.

The method used in counting employees gives approximately the number of full time positions and consequently the average annual wages are for full time employment and do not necessarily represent actual wages earned. They are computed on the same basis each year and are comparable from year to year.

Coal consumed by locomotives increased from 6,866,202 tons in 1939 to 10,613,774 tons or by 55 per cent, and fuel oil consumption increased from 47,139,196 to 71,890,235 gallons or by 52 per cent. The increase in bituminious coal was practically all United States coal.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	4,183,821	3,059,005	1,124,816	115,237	1,009,579
2.	Alma and Jonquiere	141,262	126,394	14,868	3,126	11,742
3.	British Yukon	1,166,700	242,403	924,297	372,814	551,483
4.	Canada and Gulf Terminal	209,662	149,199	60,463	2,180	58,283
5.	Canada Southern (Lessee N.Y.C.)	21,048,837	12,293,984	8,754,853	2,374,798	6,380,055
6.	Canadian National	332,199,961	256,774,568	75,425,393	3,171,057	72,254,336
7.	Canadian Pacific	258,788,455	183,755,422	75,033,033	24,920,980	50,112,053
8.	Central Vermont	416,908	240,981	175,927	1,137	174,790
9.	Cumberland	198,392	143,969	54,423	2,592	51,831
10.	Essex Terminal	603,501	415,480	188,021	11,853	176,168
11.	Greater Winnipeg Water District	73,428	82,393	Dr. 8,965	...	Dr. 8,965
12.	Hudson Bay	946,063	704,821	241,242	5,455	235,787
13.	Maine Central	17,193	15,704	1,489	1,417	72
14.	Maritime Coal, Railway and Power Co.	189,830	78,515	111,315	32,093	79,222
15.	Midland Railway of Manitoba	396,613	392,313	4,300	19,799	Dr. 15,499
16.	Morrissey, Fernie and Michel	49,776	45,493	4,283	1,803	2,480
17.	Napierville Junction	863,427	404,167	459,260	238,360	220,900
18.	Nelson and Fort Sheppard	123,579	173,659	Dr. 50,080	27,264	Dr. 77,344
19.	Northern Alberta	6,773,445	3,420,658	3,352,787	49,084	3,303,703
20.	Ottawa and New York	193,466	242,556	Dr. 49,090	15,872	Dr. 64,962
21.	Pacific Great Eastern	657,346	670,158	Dr. 12,812	2,545	Dr. 15,357
22.	Pere Marquette	7,793,694	4,037,336	3,756,358	1,358,713	2,397,645
23.	Quebec Railway, Light and Power Co.	571,696	564,653	7,043	19,584	Dr. 12,541
24.	Roberval and Saguenay	2,192,425	682,995	1,509,430	809,369	700,061
25.	St. Lawrence and Adirondack	949,527	871,779	77,748	8,692	69,056
26.	Sydney and Louisburg	1,565,136	1,403,506	161,630	6,491	155,139
27.	Temiscouata	326,408	306,474	19,934	4,684	15,250
28.	Temiskaming and Northern Ontario	3,322,295	4,633,747	1,688,548	3,631	1,684,917
29.	Thousand Islands	53,094	40,656	12,438	381	12,057
30.	Toronto, Hamilton and Buffalo	3,597,162	1,944,856	1,652,306	874,656	777,650
31.	Toronto Terminals	564,625	892,090	Dr.327,465	206,922	Dr.534,387
32.	Vancouver, Victoria and Eastern	939,265	742,631	196,634	229,836	Dr. 33,202
33.	Wabash (in Canada)	9,493,578	6,231,019	3,262,559	979	3,261,580
34.	Total 1942	663,610,570	485,783,584	177,826,986	⁄ 34,886,660	142,933,582
35.	Total 1941	538,291,947	403,733,542	134,558,405	25,045,411	109,512,994
36.	Canadian National (Canada & U.S.)	375,654,543	288,998,674	86,655,869	6,020,141	80,635,728

⁄ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to Cr. $6,744.

x Includes interest on $502,856,461 Dominion Government loans $14,032,635.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	...	1,009,579	1,106,356	515,425	196,065	711,490	394,866
2.	...	11,742	19,491	...	13,025	13,025	6,466
3.	...	551,485	610,699	157,661	22,020	179,681	431,018
4.	...	58,285	62,586	57,000	...	57,000	5,586
5.	...	6,580,055	6,784,421	101,580	3,965,075	4,066,655	2,717,766
6.	569,725	72,824,059	86,643,789	x 48,699,931	10,661,360	59,361,291	27,282,498
7.	3,623,325	53,735,376	67,576,514	19,164,480	8,057,767	27,222,247	40,354,267
8.	...	174,790	190,471	35,461	28,604	64,065	126,406
9.	...	51,851	51,851	...	2,092	2,092	49,739
10.	...	176,168	179,661	15,800	55,361	69,161	110,500
11.	...	Dr. 8,965	Dr. 8,965	...	3,605	3,605	Dr. 12,570
12.	...	235,787	247,430	...	227,608	227,608	19,822
13.	...	72	152	...	88	88	64
14.	...	79,222	80,792	2,044	13,516	15,560	65,232
15.	...	Dr. 15,499	7,225	...	123,057	123,057	Dr.115,832
16.	...	2,480	2,480	...	...	...	2,480
17.	...	220,900	233,091	...	116,718	116,718	116,373
18.	...	Dr. 77,344	Dr. 76,966	...	11,790	11,790	Dr. 88,756
19.	541	3,504,244	3,462,395	1,444,906	2,034,634	3,479,540	Dr. 17,145
20.	...	Dr. 64,962	Dr. 57,595	844	24,972	25,816	Dr. 83,411
21.	5,799	Dr. 9,558	2,190	3,943,702	Cr.306,952	3,636,750	Dr.3,634,560
22.	...	2,397,645	2,556,429	181,866	1,379,731	1,561,597	994,832
23.	...	Dr. 12,541	14,504	xx 833	13,671	14,504	...
24.	...	700,061	713,166	93,100	234,865	327,965	385,201
25.	...	69,056	76,536	53,087	212,880	265,967	Dr.189,431
26.	...	155,139	155,139	...	563,356	563,356	Dr.408,217
27.	...	15,250	15,756	...	10,553	10,553	5,203
28.	...	1,684,917	1,790,215	222,240	278,085	500,325	1,289,890
29.	...	12,057	12,830	10,708	...	10,708	2,122
30.	...	777,650	1,563,338	204,249	250,921	455,170	1,108,168
31.	...	Dr.534,587	1,313,582	1,282,673	30,909	1,313,582	...
32.	...	Dr. 33,202	242,066	...	363,091	363,091	Dr.121,025
33.	...	3,261,580	3,261,580	...	770,177	770,177	2,491,403
34.	4,199,586	147,132,968	178,833,189	76,185,590	29,358,644	105,544,234	73,288,955
35.	4,516,113	113,829,107	142,992,819	78,632,039	23,956,846	102,588,885	40,403,934
36.	569,725	81,205,451	89,964,918	x 49,174,210	13,508,210	62,682,420	27,282,498

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains ϕ	Mileage of Revenue Passenger Trains ϕ	Total Revenue Train Mileage ϕ	Mileage of Non-revenue Trains ϕ
		At December 31 X	Average during Year ≠				
1.	Algoma Central and Hudson Bay	320.8	321.8	522,197	...	522,197	26,438
2.	Alma and Jonquiere	10.6	10.6	18,766	...	18,766	...
3.	British Yukon	90.3	90.3	52,336	1,202	53,538	1,174
4.	Canada and Gulf Terminal	38.1	38.1	20,566	38,102	58,668	...
5.	Canada Southern (Lessee N.Y.C.)	370.0	370.5	1,715,345	1,599,405	3,314,748	57,020
6.	Canadian National	21,582.6	21,768.6	37,960,338	20,696,042	58,656,380	1,502,009
7.	Canadian Pacific	16,564.3	17,076.9	31,279,216	19,078,090	50,357,306	666,899
8.	Central Vermont	25.3	25.3	22,392	37,008	59,400	419
9.	Cumberland	31.3	31.3	31,817	...	31,817	...
10.	Essex Terminal	21.3	21.3	22,655	...	22,655	...
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	...
12.	Hudson Bay	510.1	510.1	131,682	32,132	163,814	17,032
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	...
13.	Maine Central	5.1	5.1	3,364	...	3,364	...
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	21,344	1,044	22,388	...
15.	Midland Railway of Manitoba	5.7	75.5	48,374	102,560	150,934	...
16.	Morrissey, Fernie and Michel	5.4	5.4	11,814	...	11,814	...
17.	Napierville Junction	27.1	41.7	58,355	95,426	153,781	150
18.	Nelson and Fort Sheppard	54.8	60.8	23,001	...	23,001	2,245
19.	Northern Alberta	922.7	927.6	795,523	206,844	1,002,367	50,742
20.	Ottawa and New York	57.3	58.0	26,982	37,547	64,529	...
21.	Pacific Great Eastern	347.8	347.8	92,977	34,845	127,822	18,622
22.	Pere Marquette	198.8	319.0	1,163,769	791	1,164,560	8,913
23.	Quebec Railway, Light & Power Co.	25.4	25.4	25,538	288,853	314,391	3,950
24.	Roberval and Saguenay	29.0	29.0	64,517	...	64,517	...
25.	St. Lawrence and Adirondack	46.6	60.7	69,298	136,438	205,736	1,433
26.	Sydney and Louisburg	70.3	70.3	148,659	33,211	181,870	...
27.	Temiscouata	101.1	112.8	47,316	50,546	97,862	2,387
28.	Temiskaming and Northern Ontario	574.0	574.0	803,760	570,215	1,373,975	47,176
29.	Thousand Islands	4.5	4.5	5,760	14,570	20,330	...
30.	Toronto, Hamilton and Buffalo	103.6	111.0	157,354	165,158	322,512	5,894
31.	Toronto Terminals	3.2	3.2	...	...	...	...
31a.	Van Buren Bridge	0.3	0.3	...	...	...	...
32.	Vancouver, Victoria and Eastern	85.9	86.8	58,363	52,165	110,528	1,670
33.	Wabash (in Canada)	...	245.4	1,677,263	...	1,677,263	785
34.	Total 1942	42,338.6	42,379.6	77,080,637	43,271,994	120,352,631	2,414,958
35.	Total 1941	42,441.3	42,475.9	72,847,697	39,947,184	112,794,881	1,991,021
36.	Canadian National (Canada & U.S.)	23,265.7	23,494.2	42,720,204	22,597,896	65,318,100	1,547,104

X Track operated under trackage rights excluded.

≠ Track operated under trackage rights included for each railway but excluded in total.

ϕ Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non Revenue)				Total Passenger Train Car Miles (1)
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	1,622,779	227,746,576	47,505	5,148,600	5,999,989	3,255,521	396,675	3/10,032,169	447,250
2.	244,410	2,688,510	7,203	79,233	84,836	66,363	...	151,196	4,664
3.	68,372	5,503,851	11,707	822,565	488,730	399,398	1,174	889,302	128,229
4.	165,588	3,569,618	38,694	902,176	191,389	126,352	20,566	338,307	38,102
5.	11,346,651	1,755,541,747	1,047,055	172,784,677	69,246,220	34,602,416	1,838,669	105,689,305	22,105,915
6.	60,707,378	27,956,509,988	29,088,465	2,578,792,423	1,000,042,319	443,879,691	39,305,270	1,485,227,283	194,355,272
7.	47,972,082	22,760,290,000	13,456,943	2,097,032,000	771,671,991	363,283,604	33,702,383	1,168,657,978	165,825,686
8.	1,297,692	31,035,568	122,807	2,892,110	1,074,689	334,725	22,776	1,432,190	323,088
9.	680,856	3,863,045	4,430	60,936	68,205	68,205	8,394	144,804	23,197
10.	1,356,484	6,782,420	...	...	255,890	197,150	12,000	465,040	...
11.	134,496	...	8,246	389,636	...	...	...	...	...
12.	110,841	37,306,448	13,389	4,405,190	2,120,243	1,764,851	165,868	4,071,667	373,220
12a.	...	...	...	...	...	...	...	...	...
13.	196,620	1,002,762	94	479	31,727	28,420	204	60,351	3,160
14.	329,857	5,094,978	11,314	92,952	102,659	70,481	...	173,140	11,716
15.	125,204	8,963,153	73,861	3,270,681	494,113	237,009	49,645	780,797	600,850
16.	197,385	1,059,957	...	...	35,323	35,323	...	70,646	...
17.	2,464,888	66,457,052	162,270	5,496,490	1,591,022	1,234,184	56,700	2,881,906	562,423
18.	70,768	3,953,484	5	131	120,492	87,177	25,300	232,969	120
19.	913,855	277,115,163	155,778	29,057,953	13,504,226	8,311,765	850,380	22,666,373	2,546,365
20.	208,460	10,434,646	41,032	1,513,685	303,455	192,369	27,124	522,948	123,133
21.	75,542	15,306,634	27,580	2,022,806	695,472	446,792	30,071	4/ 1,292,652	390,237
22.	5,054,902	969,320,266	6,058	93,602	35,552,757	17,118,388	1,204,324	53,875,469	98,436
23.	303,689	6,067,765	1,838,131	18,451,048	215,913	158,636	24,410	398,959	575,028
24.	1,528,910	22,188,681	51,552	1,005,442	501,700	452,767	51,398	1,005,865	25,727
25.	1,491,704	42,606,095	407,180	8,040,176	1,280,301	1,334,711	74,660	2,689,672	555,852
26.	4,312,115	62,376,816	14,292	266,494	1,456,050	1,436,244	119,307	3,011,601	104,512
27.	175,175	6,511,941	28,125	993,403	286,616	188,143	29,511	504,270	162,641
28.	2,001,621	411,522,973	429,628	40,378,900	16,724,383	7,051,772	804,493	24,580,648	4,190,154
29.	2/	175,510	6,850	30,803	11,845	4,570	...	16,415	14,570
30.	3,622,337	155,108,367	410,695	14,170,679	3,792,919	2,013,622	121,006	5,927,547	830,238
31.	...	...	...	...	...	...	...	...	...
31a.	...	...	...	...	...	...	...	...	...
32.	740,517	23,239,959	85,755	2,840,664	813,064	638,092	54,183	1,505,339	306,193
33.	6,325,048	1,301,435,759	2/	2/	52,955,263	30,263,706	1,646,523	84,865,492	95,335
34.	5/134,674,537	56,154,577,532	47,596,602	4,989,295,894	1,981,714,535	919,282,450	80,663,014	2,982,162,300	(1)895,118,691
35.	5/116,808,091	49,982,467,028	29,779,241	3,205,541,530	1,880,578,333	903,861,978	75,701,837	2,860,918,853	337,144,753
36.	71,545,237	31,729,325,493	30,363,290	2,707,890,246	1,139,115,763	521,091,526	43,158,917	6/ 1,706,895,429	7/209,228,323

1/ Includes Motor Unit Car Miles - 2,019,878 miles as motive power, 68,100 miles as trailers in motor unit car trains and 10,660 miles in locomotive drawn trains.
2/ Included in Canadian National Railways.
3/ Includes 379,984 miles in non revenue service.
4/ Includes 122,517 " " " " "
5/ Duplications excluded.
6/ Includes 3,529,225 miles in non revenue service.
7/ Includes 48,400 " " " " "

TABLE B.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Division	(1) Average Number of Employees	Total Hours on on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages: Per Hour (D - Days)	Salaries and Wages: Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	615	D 1,216,648	4,800,150	D 308	D 28.516	7,146
2.	Division officers	987	D 1,987,368	5,465,786	D 321	D 22.708	5,538
3.	Assistant engineers and draftsmen	474	D 771,825	1,881,024	D 300	D 8.081	2,424
4.	Other clerical,	1,168	D 931,877	3,709,138	D 490	D 10.556	3,176
5.	Clerks	10,078	D 7,017,315	27,045,662	D 310	D 3.500	1,704
6.	Telephone switchboard operators	216	D 55,129?	241,695	D 255	D 5.454	1,119
7.	Office boys, messengers,	1,788	D 407,000	1,182,413	D 307	D 2.915	897
8.	Janitors and cleaners	1,844	D 559,181	1,170,939	D 250	D 2.453	635
	Total ..... (Daily Basis)	17,370	D 6,754,971	41,901,205	D 306	D 6.205	1,911
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building department	410	D 153,975	1,065,750	D 319	D 6.919	2,599
10.	Carpenters and bridgemen	1,171	4,458,000	3,716,549	2,477	0.833	3,174
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	875	844,108	681,515	2,078	0.816	2,401
12.	Masons, bricklayers, plasterers and painters	251	815,384	679,341	2,531	0.834	2,706
13.	Helpers, B. and B. department	290	814,227	406,381	2,594	0.499	1,401
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, derrick, ballast and steam shovel employees	1,000	1,171,000	872,963	5,048	0.740	3,734
16.	Pumpmen	438	1,086,913	615,736	1,734	0.566	1,406
17.	Extra gang and snow plough foremen	746	1,051,466	864,302	5,270	0.822	2,443
18.	Signal foremen	46	D 14,962	137,824	D 312	D 9.212	2,870
19.	Section foremen	1,800	11,000,000	10,300,865	2,528	0.936	1,778
20.	Sectionmen	16,321	40,548,465	20,583,572	1,484	0.508	1,261
21.	Carpenters	8,733	22,984,324	9,435,195	2,682	0.411	1,080
22.	Foremen - Linemen	33	D 11,616	85,341	D 332	D 7.347	2,440
23.	Telegraph and telephone linemen and groundmen	88	222,000	88,854	2,196	0.399	1,001
24.	Signal and interlocker maintainers and repairmen	488	1,324,763	990,018	2,715	0.747	2,029
	Total ..... (Hourly Basis)	31,761	91,844,181	67,284,408	2,552	0.540	1,377
	(Daily Basis)	574	D 180,553	1,271,895	D 313	D 7.044	2,216
	Total	36,335	...	50,523,781	...	...	1,390
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	61	D 19,295	210,024	D 316	D 10.885	3,443
26.	Department and gang foremen	2,166	D 698,782	5,818,693	D 323	D 8.327	2,686
27.	Blacksmiths	656	1,527,263	1,353,780	2,328	0.886	2,064
28.	Boilermakers	1,112	2,704,856	2,478,421	2,432	0.916	2,229
29.	Carmen (a)	2,098	4,765,458	4,479,881	2,272	0.940	2,136
30.	Carmen (b)	490	1,068,203	993,487	2,180	0.930	2,028
31.	Carmen (c)	5,070	13,304,400	11,109,598	2,433	0.830	2,019
32.	Carmen (d)	244	547,452	463,247	2,243	0.846	1,899
33.	Electrical workers	834	2,104,602	1,748,920	2,570	0.831	2,135
34.	Machinists	4,006	9,701,136	8,747,652	2,422	0.902	2,184
35.	Moulders	122	285,153	272,452	2,263	0.955	2,162
36.	Pipe Fitters and sheet metal workers	1,022	2,371,221	2,157,482	2,322	0.910	2,115
37.	Helpers to mechanics	6,715	16,891,071	10,959,997	2,486	0.657	1,632
38.	Helper apprentices	20	38,412	23,374	1,771	0.660	1,169
39.	Regular apprentices	1,485	3,375,891	1,585,936	2,272	0.469	1,067
40.	Car cleaners	1,570	3,790,130	1,992,517	2,414	0.526	1,269
41.	Other unskilled employees	3,700	9,177,909	4,721,478	2,481	0.514	1,276
42.	Unclassified labourers	2,509	6,076,648	2,863,359	2,422	0.471	1,141
43.	Stationary engineers, firemen and oilers	885	2,294,390	1,518,489	2,593	0.662	1,716
	Total ..... (Hourly Basis)	32,958	79,899,735	57,467,980	2,424	0.719	1,744
	(Daily Basis)	2,227	D 718,077	6,028,717	D 322	D 8.396	2,707

	TRANSPORTATION						
44.	Inspectors and sergeants of police	186	D 60,799	467,703	D 327	D 7.693	2,515
45.	Constables and policemen	1,281	D 433,045	1,957,055	D 338	D 4.519	1,528
46.	Storekeepers	250	D 78,257	570,245	D 313	D 7.287	2,281
47.	Storemen	1,812	4,151,352	2,445,530	2,291	0.589	1,350
48.	Train despatchers and traffic supervisors	571	1,453,636	1,924,759	2,546	1.324	3,371
49.	Supervisory agents and assistants	516	1,339,787	1,351,710	2,596	1.009	2,620
50.	Station agents - non-telegraphers (small stations)	153	396,628	174,748	2,592	0.441	1,142
51.	Station agents - telegraphers and telephoners	5,258	13,910,960	11,324,719	2,646	0.814	2,154
52.	Signalmen (non-telegraphers) at interlockers	261	683,819	439,086	2,620	0.642	1,682
53.	Foremen in freight sheds	448	1,162,878	920,652	2,596	0.792	2,055
54.	Freight handlers and other station employees	5,368	12,503,462	7,379,332	2,329	0.590	1,375
55.	Labourers	863	2,339,707	1,141,718	2,711	0.488	1,323
56.	Dining car and restaurant inspectors, conductors and stewards	341	D 130,902	713,656	D 384	D 5.452	2,093
57.	Dining car and restaurant helpers and attendants	2,376	D 865,653	2,996,368	D 364	D 3.461	1,261
58.	News agents	172	D 51,364	275,089	D 299	D 5.356	1,599
59.	Floating equipment employees	753	2,453,651	1,149,282	3,259	0.468	1,526
60.	Sleeping and parlour car inspectors and conductors	189	D 74,880	469,451	D 396	D 6.269	2,484
61.	Sleeping and parlour car porters	1,180	D 449,554	1,594,487	D 381	D 3.547	1,351
62.	Drawbridge operators	95	250,209	161,915	2,634	0.647	1,704
63.	Signalmen or watchmen at crossings (non-interlocked)	549	1,425,736	687,118	2,597	0.482	1,252
64.	Yardmasters and assistants	485	D 158,467	1,532,988	D 327	D 9.674	3,161
65.	Switch tenders	391	D 130,324	703,405	D 333	D 5.397	1,799
66.	Hostlers	494	D 173,224	1,056,450	D 351	D 6.099	2,139
67.	Road passenger conductors	1,022	2,546,245	3,489,591	2,491	1.370	3,414
68.	Road freight conductors	2,078	5,816,728	6,748,845	2,799	1.160	3,248
69.	Road passenger brakemen, baggagemen and flagmen	1,752	4,012,109	4,231,242	2,290	1.055	2,415
70.	Road freight brakemen and flagmen	5,131	13,311,648	12,569,282	2,594	0.944	2,450
71.	Yard conductors and yard foremen	1,520	4,075,406	3,863,827	2,681	0.948	2,542
72.	Yard brakemen and helpers	3,238	8,467,635	7,471,501	2,615	0.882	2,307
73.	Road passenger engineers and motormen	982	2,138,177	3,819,829	2,177	1.786	3,890
74.	Road freight engineers and motormen	2,948	8,236,627	10,981,412	2,794	1.333	3,725
75.	Yard engineers and motormen	1,321	4,024,141	3,899,373	3,046	0.969	2,952
76.	Road passenger firemen and helpers	975	2,111,312	2,921,219	2,165	1.384	2,996
77.	Road freight firemen and helpers	3,214	8,246,065	8,521,067	2,566	1.033	2,651
78.	Yard firemen and helpers	1,353	4,033,846	3,107,819	2,981	0.770	2,297
	Total ..... (Hourly Basis)	42,181	109,091,764	100,725,576	2,586	0.923	2,388
	(Daily Basis)	7,345	D 2,606,469	12,336,897	D 355	D 4.733	1,680
	Total	49,526	...	113,062,473	...	...	2,283
79.	Express department	2,759	D 844,752	4,805,562	D 306	D 5.689	1,742
80.	Communication department	6,323	16,154,698	9,780,507	2,855	0.605	1,547
81.	Employees engaged in outside operations	5,687	15,182,934	7,846,530	2,670	0.517	1,380
	GRAND TOTAL ..... (Hourly Basis)	122,910	311,590,592	225,072,479	2,535	0.722	1,831
	(Daily Basis)	34,830	D 11,054,772	66,344,276	D 317	D 6.001	1,905
	Total 1942 ≠	157,740	...	291,416,755	...	...	1,847
82.	Total number of female employees (monthly average)	7,121	...	...	...	...	...
83.	Total pay roll charged to operating expenses	...	...	262,981,536	...	...	...
84.	Pullman, bridge and tunnel companies (Hourly Basis)	55	163,105	93,967	2,966	0.576	1,708
	(Daily Basis)	120	D 43,806	235,593	D 365	D 5.378	1,965
	Total	175	...	329,560	...	...	1,885

(1) Average of counts made each month.

≠ Includes $4,952,951 for 2,252 employees domiciled outside of Canada.

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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1943

OTTAWA
1944

Price 10 cents

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, C.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1945

The revenues earned by railways continued to increase, rising to a new high record in 1943 of $778,914,565. The increase in freight revenue was $65,396,112 or 12.9 per cent and in passenger revenue $32,328,484 or 35.3 per cent. Other services also showed substantial increases making the total increase over 1942 revenues, the previous high record, $115,303,995 or 17.4 per cent. Comparisons with 1939 revenues show increases in freight revenues of 98.6 per cent, in passenger revenues of 242 per cent and in total revenues of 112 per cent. Monthly reports show that the revenues continued to increase in 1944 but at a considerably lessened rate, the increase for the first seven months being only 4.5 per cent over 1943 revenues.

Operating expenses also increased to a new high record at $560,597,204 as compared with $485,783,584 for 1942 and $304,373,285 for 1939. These 1944 expenses included charges for maintenance which was considered accrued but not performed because of lack of materials and labour. For deferred maintenance of way and structures the charge was $12,616,223 and for equipment $5,770,000, a total of $18,386,223 as compared with a total of like charges in 1942 of $16,985,000. To the end of July, 1944 the railways had accumulated over $50,000,000 for deferred maintenance work. This represents between 25,000 and 30,000 man years of work, in addition to ordinary maintenance work. Railway tax accruals increased from $34,893,404 in 1942 to $44,414,192, of which the Canadian Pacific Railway Company paid $31,548,645 or 71 per cent. This was exclusive of the refundable portion of the income and excess profits' tax. Interest on funded debt decreased from $61,827,851 in 1942 and $77,457,971 in 1940 to $56,664,364. Interest on Dominion Government loans to the Canadian National Railways increased to $18,664,848, making the total interest on funded and unfunded debt for all railways $75,660,048 as compared with $76,185,590 in 1942 and $79,786,267 in 1940. This saving of over 4 million dollars since

1940 is an improvement which will affect future years' accounts. These Dominion Government loans to the Canadian National Railways were temporary loans for capital purposes pending the sale of railway debentures. The large increases in 1942 and 1943 were due to the repatriation through the Dominion and United Kingdom Governments of Canadian National securities held in the United Kingdom.

The Canadian National railways reported a cash surplus of $35,639,412 as against $25,063,268 for 1942. This was used to repay Dominion Government loans and included the net corporate income shown in this report and cash profit and loss debits and credits.

There was little change in the single track mileage during the year, the net increase being only 4.1 miles.

Freight traffic reached a new high record with an increase of 13.8 per cent in tons of revenue freight carried and in ton miles. This was accomplished with an increase over 1942 of only 5.7 per cent in freight train miles, 5.5 per cent in loaded car miles and also in empty freight car miles. Passenger traffic showed a still better record, passengers carried increasing by 20.1 per cent, passenger miles increasing by 30.8 per cent for an increase in passenger train miles of only 5.7 per cent, and passenger train car miles increasing by 9.8 per cent. These results were due to heavier average loading of trains and heavier loading of cars.

The number of employees, which is the average of counts made each month, increased from 157,740 in 1942 to 169,663 or by 7.6 per cent, and the pay roll increased from $291,416,755 to $323,801,645 or by 11.1 per cent. Pay roll charged to operating expenses increased to $294,075,723 from $262,981,536 in 1942 or by 11.8 per cent.

Comparisons with 1939 show an increase in the number of employees of 51 per cent, in operating pay roll of 59 per cent, in operating revenues of 112 per cent, in revenue ton miles of 103 per cent and in passenger miles of 272 per cent.

During the year 4,346 freight cars were retired from service and 7,637 were added, making a net increase of 3,291 cars. There was a net increase in passenger equipment of 28 first class coaches, 14 second class and 10 immigrant cars. No parlour cars were added but 36 were retired and there was a net decrease of 13 sleeping cars; some of these parlour and sleeping cars were converted into coaches. Baggage, express and postal cars increased by 83 and there was a net increase of 69 in all passenger train cars. Including leased locomotives there was a net increase of 16 passenger, 35 freight, 5 switching and 3 electric switching, and the capacity of all locomotives owned by the railways increased by 2.3 per cent. The fuel consumed by locomotives increased by 11.3 per cent in freight service, by 15.5 per cent in passenger service and 13.9 per cent in switching service over 1942 consumption. Motor unit cars showed a decrease in miles run under their own power of 16 per cent and a reduction in fuel consumption of approximately 12 per cent. Ties renewed in track amounted to 8,448,245, of which 49 per cent were treated ties, as

compared with 9,088,925 renewals for 1942. Ties placed in new track amounted to 267,755, making the total cross tie consumption 8,716,000 as compared with the average for 1935-1939 of 10,961,000 ties.

During the year 112 employees were killed in train accidents as against 103 in 1942. The number of passengers killed was reduced from 43 in 1942 to 9 and other persons killed amounted to 197, including 82 trespassers and 96 motorists, making a total of 318 deaths from train accidents. The persons injured in train accidents included 2,942 employees, 417 passengers and 586 other persons, making a total of 3,945 persons. This was an increase over 1942 of 779 employees and a decrease of 222 passengers and 42 other persons. During the war years the number of employees killed and injured has increased each year at a greater rate than the number of persons employed. The average for the four years 1940-43 was 88 employees killed and 1,985 injured as compared with the average for 1935-39 of 55 killed and 1,056 injured and a total of 345 persons killed and 3,050 injured in 1940-43 as against 316 killed and 2,047 injured in 1935-39.

Trainmen are subjected to greater hazards in train accidents than other employees and the numbers killed and injured have shown continuous increases for each of the war years. For 1935-39 the average number of trainmen killed was 30.2 and of injured was 887 per year. In 1940-43 the averages increased to 53 and 1,744 respectively. For 1943, the year with the heaviest accident record, the numbers were 78 killed and 2,649 injured. A greater number of trainmen were employed and they were working a greater number of hours than in the prewar years, but on a man hour basis the 1940-43 records showed an increase over 1935-39 of 23 per cent for killed and 38 per cent for injured, and for 1943 the increases were 51.7 and 75.6 per cent respectively. On an employee basis, ignoring the difference in the average time worked, the increases were larger. For 1940-43 the increases were 35.4 per cent for killed and 52 per cent for injured, and for 1943 they were 75.7 and 103.6 per cent respectively.

These accidents include all accidents connected with the movement of trains, locomotives or cars.

In non train accidents, such as in warehouses, shops, etc., 18 employees were killed and 9,725 were injured, and 5 other persons were killed and 249 were injured. These compare with 32 employees killed and 8,100 injured, and 15 other persons killed and 255 injured in 1942. Of the persons reported as injured in both classes of accidents, 18 employees and 3 other persons subsequently died from their injuries.

The number of days employees were absent from duty due to both types of accidents was 321,391 as compared with 255,949 in 1942 and an average of 154,110 for 1935-39. Non train accidents were responsible for the greater part of the time lost.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1943.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	4,584,958	3,896,839	688,119	133,960	554,159
2.	Alma and Jonquiere	156,411	136,402	20,009	5,745	14,264
4.	Canada and Gulf Terminal	263,391	142,976	120,415	37,731	82,684
5.	Canada Southern (Lessee N.Y.C.)	27,625,006	16,298,817	11,326,189	3,650,061	7,676,128
6.	Canadian National	391,084,435	288,335,053	102,749,382	3,604,124	99,145,258
7.	Canadian Pacific	299,023,042	216,347,579	82,675,463	31,548,645	51,126,818
8.	Central Vermont	511,038	279,255	231,783	380	231,403
9.	Cumberland	188,300	148,251	40,049	2,645	37,404
10.	Essex Terminal	641,978	426,742	215,236	11,946	203,290
11.	Greater Winnipeg Water District	55,948	73,661	Dr. 17,713	-	Dr. 17,713
12.	Hudson Bay	759,506	794,150	Dr. 34,644	2,986	Dr. 37,630
13.	Maine Central	16,249	17,730	Dr. 1,481	949	Dr. 2,430
14.	Maritime Coal, Railway and Power Co.	166,981	85,003	81,978	22,789	59,189
15.	Midland Railway of Manitoba	573,887	492,088	81,799	23,082	58,717
16.	Morrissey, Fernie and Michel	55,767	65,371	Dr. 9,604	Cr. 638	Dr. 8,966
17.	Napierville Junction	1,008,623	477,773	530,850	287,986	242,864
18.	Nelson and Fort Sheppard	28,113	144,508	Dr. 116,395	5,523	Dr. 121,918
19.	Northern Alberta	11,177,033	6,258,964	4,918,069	56,777	4,861,292
20.	Ottawa and New York	230,220	351,987	Dr. 121,767	19,363	Dr. 141,130
21.	Pacific Great Eastern	690,305	716,418	Dr. 26,113	1,506	Dr. 27,619
22.	Pere Marquette	10,591,937	5,554,385	5,037,552	2,311,458	2,726,094
23.	Quebec Railway, Light and Power Co.	706,134	697,046	9,088	16,391	Dr. 7,303
24.	Roberval and Saguenay	2,844,362	995,676	1,848,686	1,089,234	759,452
25.	St. Lawrence and Adirondack	1,137,335	1,053,937	83,398	9,585	73,813
26.	Sydney and Louisburg	1,430,150	1,319,032	111,118	6,661	104,457
27.	Temiscouata	319,092	304,361	14,731	4,523	10,208
28.	Temiskaming and Northern Ontario	6,350,816	4,843,530	1,507,286	1,315	1,505,971
29.	Thousand Islands	64,559	62,751	1,808	357	1,451
30.	Toronto, Hamilton and Buffalo	4,076,226	2,113,856	1,962,370	1,169,588	792,782
31.	Toronto Terminals	715,819	1,089,753	Dr. 373,934	201,643	Dr. 575,577
32.	Vancouver, Victoria and Eastern	1,213,202	961,335	251,867	146,283	105,584
33.	Wabash (in Canada)	10,623,742	6,111,975	4,511,767	41,594	4,470,173
34.	Total 1943	778,914,565	560,597,204	218,317,361	≠ 44,429,545	173,903,169
35.	Total 1942	663,610,570	485,783,584	177,826,986	34,886,660	142,933,582
36.	Canadian National (Canada & U.S.)	440,615,955	324,475,670	116,140,285	8,390,678	107,749,607

≠ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to $15,353.

x Includes interest on $537,323,765 Dominion Government Loans $18,664,848.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1943.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	-	554,159	642,997	515,425	128,093	643,518	Dr. 521
2.	-	14,264	25,286	-	17,336	17,336	7,950
4.	-	82,684	86,517	57,000	14,635	71,635	14,882
5.	-	7,676,128	8,359,506	73,058	5,153,599	5,226,657	3,132,849
6.	1,030,034	100,175,292	117,752,193	x49,436,899	32,669,010	82,105,909	35,646,284
7.	3,578,567	54,705,385	69,262,530	18,078,064	8,201,748	26,279,812	42,982,718
8.	-	231,403	250,197	35,422	33,053	68,475	181,722
9.	-	37,404	37,404	-	3,103	3,103	34,301
10.	-	203,290	208,928	13,800	33,873	47,673	161,255
11.	-	Dr. 17,713	Dr. 17,713	-	1,184	1,184	Dr 18,897
12.	-	Dr. 37,630	Dr. 25,440	-	183,185	183,185	Dr. 208,625
13.	-	Dr. 2,430	Dr. 2,329	-	95	95	Dr. 2,424
14.	-	59,189	59,457	6	11,051	11,057	48,400
15.	-	58,717	82,007	-	121,894	121,894	Dr. 39,887
16.	-	Dr. 8,966	Dr. 8,966	-	-	-	Dr. 8,966
17.	-	242,864	269,124	433	158,991	159,424	109,700
18.	-	Dr. 121,918	Dr. 121,655	-	6,962	6,962	Dr. 128,617
19.	958	4,862,250	5,113,197	1,472,666	3,643,579	5,116,245	Dr. 3,048
20.	-	Dr. 141,130	Dr. 132,597	559	26,608	27,167	Dr. 159,764
21.	6.892	Dr. 20,727	Dr. 5,798	3,941,396	31,491	3,972,887	Dr.3,978,685
22.	-	2,726,094	2,890,890	181,866	1,761,745	1,943,611	947,279
23.	-	Dr. 7,303	11,997	-	11,997	11,997	-
24.	-	759,452	767,017	93,100	252,501	345,601	421,416
25.	-	73,813	92,172	51,709	229,448	281,157	Dr. 188,985
26.	-	104,457	104,457	-	571,655	571,655	Dr. 467,198
27.	-	10,208	13,108	-	12,900	12,900	208
28.	-	1,505,971	1,574,128	217,257	270,876	488,133	1,085,995
29.	-	1,451	2,009	513	-	513	1,496
30.	-	792,782	1,152,206	204,411	262,387	466,798	685,408
31.	-	Dr.575,577	1,317,487	1,286,464	31,023	1,317,487	-
32.	-	105,584	386,503	-	351,500	351,500	35,003
33.	-	4,470,173	4,470,173	-	698,895	698,895	3,771,278
34.	4,616,451	178,519,620	214,616,992	75,660,048	54,894,417	130,554,465	84,062,527
35.	4,199,386	147,132,968	178,833,189	76,185,590	29,358,644	105,544,234	73,288,955
36.	1,030,034	108,779,641	117,664,170	x49,882,556	32,112,066	81,994,622	35,669,548

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1943.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains ♦	Mileage of Revenue Passenger Trains ♦	Total Revenue Train Mileage ♦	Mileage of Non-revenue trains ♦
		At December 31 X	Average during Year ≠				
1.	Algoma Central and Hudson Bay	320.8	321.8	614,679	-	614,679	16,898
2.	Alma and Jonquiere	10.6	10.6	16,610	-	16,610	-
3.	British Yukon	90.3	90.3				
4.	Canada and Gulf Terminal	38.1	38.1	20,160	40,646	60,806	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	2,469,646	1,661,593	4,131,239	60,600
6.	Canadian National	21,584.9	21,768.9	39,673,131	21,871,388	61,544,519	1,804,178
7.	Canadian Pacific	16,566.9	17,034.6	32,846,480	20,014,889	52,861,369	861,495
8.	Central Vermont	25.3	25.3	30,384	36,936	67,320	425
9.	Cumberland	31.3	31.3	27,678	-	27,678	-
10.	Essex Terminal	21.3	21.3	25,040	-	25,040	-
11.	Greater Winnipeg Water District	92.0	92.0	-	-	-	-
12.	Hudson Bay	510.1	510.1	109,158	54,380	163,538	24,451
12a.	International Bridge and Terminal Co.	1.1	1.1	-	-	-	-
13.	Maine Central	5.1	5.1	3,414	-	3,414	-
14.	Maritime Coal, Railway and Power Co.	12.2	12.2	19,814	2,208	22,022	-
15.	Midland Railway of Manitoba	5.7	75.5	49,320	107,525	156,845	-
16.	Morrissey, Fernie and Michel	5.0	5.0	18,886	-	18,886	-
17.	Napierville Junction	27.1	41.7	54,945	93,464	148,409	1,052
18.	Nelson and Fort Sheppard	54.8	60.9	18,433	-	18,433	280
19.	Northern Alberta	922.7	927.6	1,070,930	462,435	1,533,365	59,855
20.	Ottawa and New York	57.3	58.0	35,289	36,462	71,751	2,342
21.	Pacific Great Eastern	347.8	347.8	98,312	41,783	140,095	21,076
22.	Pere Marquette	198.8	319.0	1,495,287	599	1,495,686	21,513
23.	Quebec Railway, Light and Power Co.	25.4	25.4	28,411	301,170	329,581	4,490
24.	Roberval and Saguenay	29.0	29.0	66,590	-	66,590	-
25.	St. Lawrence and Adirondack	46.5	60.9	71,851	122,708	194,559	4,200
26.	Sydney and Louisburg	70.3	70.3	130,712	45,506	176,218	-
27.	Temiscouata	101.1	112.8	50,243	49,077	99,320	2,584
28.	Temiskaming and Northern Ontario	574.0	574.0	789,600	570,484	1,360,084	45,794
29.	Thousand Islands	4.5	4.5	4,930	14,599	19,529	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	168,923	164,065	332,988	4,328
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31a.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Vancouver, Victoria and Eastern	85.9	86.9	58,455	53,524	111,979	702
33.	Wabash (in Canada)	-	245.4	1,375,968	-	1,375,968	566
34.	Total 1943	42,342.7	42,556.8	81,443,279	45,745,039	127,188,318	2,956,807
35.	Total 1942	42,338.6	42,579.6	77,080,657	43,271,994	120,352,651	2,414,958
36.	Canadian National (Canada and U.S.)	23,269.0	23,525.0	44,871,187	25,619,952	49,064,919	1,865,186

X Track operated under trackage rights excluded.

≠ Track operated under trackage rights included for each railway but excluded in total.

♦ Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1943.

	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non Revenue)				Total Passenger Train Car Miles (1)
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	1,846,696	276,047,972	43,657	2,852,944	6,893,985	4,215,959	479,117	3/11,813,905	428,470
2.	219,257	2,411,827	11,675	128,425	77,451	52,789	-	130,240	4,708
3.									
4.	185,492	5,136,369	48,299	1,074,753	215,536	144,617	20,160	380,313	45,086
5.	15,751,597	2,757,507,992	1,801,542	288,849,861	96,451,031	66,631,819	2,538,464	165,621,314	19,942,731
6.	69,160,818	31,669,867,000	32,535,729	3,390,577,000	1,042,634,498	437,471,238	41,304,898	1,521,410,634	216,710,496
7.	52,551,696	25,044,854,000	17,596,674	2,631,916,000	796,307,859	385,247,819	35,769,306	1,217,324,984	181,346,362
8.	1,936,523	45,214,625	155,472	3,660,165	1,343,395	345,949	30,810	1,720,154	348,496
9.	587,150	3,528,215	5,798	74,242	56,757	56,757	7,510	121,024	23,261
10.	1,308,526	6,542,630	-	-	225,930	170,415	12,520	408,865	-
11.	112,270	-	11,314	544,259	-	-	-	-	-
12.	67,181	26,386,865	17,615	3,972,187	1,524,332	1,001,736	179,278	2,705,346	617,897
12a.	-	-	-	-	-	-	-	-	-
13.	183,007	933,536	137	699	29,031	27,302	183	56,516	3,231
14.	285,116	2,694,313	15,737	120,006	89,820	64,058	-	153,878	22,022
15.	188,194	13,447,566	160,695	9,456,690	529,477	239,441	53,194	822,112	768,121
16.	220,635	1,096,556	-	-	26,713	26,713	-	53,426	-
17.	2,521,051	67,883,294	182,609	6,127,713	1,690,735	1,078,074	54,431	2,823,240	616,436
18.	22,105	1,162,177	6	130	45,957	28,821	18,611	93,389	-
19.	1,307,954	359,636,891	518,738	76,488,654	17,860,556	11,304,680	1,111,138	30,276,374	5,332,853
20.	252,641	11,697,030	64,167	2,018,645	328,649	244,826	35,477	608,952	134,193
21.	151,103	16,247,051	32,224	2,719,539	755,687	510,012	46,957	4/1,425,350	427,764
22.	7,268,993	1,469,846,690	3,973	64,152	49,041,815	26,398,154	1,530,902	76,970,871	74,985
23.	392,496	8,539,489	2,319,783	22,454,114	261,479	172,785	29,414	463,678	635,705
24.	1,462,428	27,538,300	96,532	1,917,191	572,270	525,513	83,849	1,181,632	38,013
25.	1,944,501	53,947,106	484,876	9,667,132	1,442,872	1,419,996	71,999	2,934,867	609,560
26.	3,590,635	53,351,070	19,996	404,541	1,213,075	1,201,024	101,384	2,515,483	156,114
27.	180,943	6,195,775	37,245	1,247,056	265,448	178,976	31,208	475,632	170,497
28.	2,043,084	419,746,952	443,489	42,615,267	15,244,597	8,168,126	790,214	24,202,937	4,000,328
29.	2/	192,338	13,782	62,157	9,785	4,875	-	14,660	14,399
30.	4,096,932	151,904,892	396,270	20,669,056	4,025,447	1,611,467	171,280	5,808,194	919,465
31.	-	-	-	-	-	-	-	-	-
31a.	-	-	-	-	-	-	-	-	-
32.	825,458	23,834,447	157,487	5,368,206	781,368	551,300	52,568	1,385,236	368,694
33.	6,642,018	1,387,721,173	319	13,582	49,905,444	20,765,731	1,346,427	72,017,602	68,335
34.	5/153,314,264	63,915,073,921	57,175,840	8,525,064,366	2,089,850,999	969,860,972	85,871,299	3,145,920,808	1/433,828,200
35.	5/134,674,557	56,154,577,552	47,596,602	4,989,295,894	1,981,714,535	919,282,450	80,663,014	2,982,162,300	395,118,691
36.	80,426,781	36,326,990,666	54,500,751	5,618,808,595	1,191,976,310	515,263,847	45,374,708	6/1,755,821,188	7/233,899,860

1/ Includes Motor Unit Car Miles - 1,729,024 miles as motive power, 54,095 miles as trailers in motor unit car trains and 1,696 miles in locomotive drawn trains.
2/ Included in Canadian National Railways.
3/ Includes 224,844 miles in non revenue service.
4/ Includes 112,694 " " " " "
5/ Duplications excluded.
6/ Includes 3,206,323 miles in non revenue service.
7/ Includes 72,967 " " " " "

TABLE 5.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1943.

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages Per Hour (D - Days)	Salaries and Wages Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	522	D 159,003	3,707,372	D 305	D 23.316	7,102
2.	Division officers	1,004	D 323,638	3,760,637	D 322	D 11.620	3,746
3.	Assistant engineers and draftsmen	580	D 177,372	1,444,534	D 306	D 8.144	2,491
4.	Other miscellaneous officials	1,249	D 380,210	3,906,535	D 304	D 10.275	3,128
5.	Clerks	17,272	D 5,430,050	30,379,773	D 314	D 5.595	1,759
6.	Telephone switchboard operators	238	D 72,497	280,176	D 305	D 3.865	1,177
7.	Office boys, messengers, attendants & Misc. trades workers	1,334	D 404,636	1,264,961	D 303	D 3.126	948
8.	Janitors and cleaners	1,177	D 364,320	1,335,656	D 310	D 3.666	1,135
	Total ..... (Daily basis)	23,376	D 7,311,726	46,079,644	D 313	D 6.302	1,971
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building department foremen	535	D 167,051	1,167,529	D 312	D 6.989	2,182
10.	Carpenters and bridgemen	2,467	6,071,483	4,209,118	2,461	0.693	1,706
11.	Blacksmiths,pipe fitters,plumbers,tinsmiths & pump repairers	345	861,591	735,313	2,497	0.853	2,131
12.	Masons, bricklayers, plasterers and painters	437	1,023,002	738,126	2,341	0.722	1,689
13.	Helpers, B. and B. department	273	648,433	388,361	2,375	0.599	1,423
14.	Apprentices, B. and B. department	-	-	-	-	-	-
15.	Pile driver, ditching, hoist and steam shovel employees	438	1,349,251	1,024,609	3,080	0.759	2,339
16.	Pumpmen	423	1,190,295	683,205	2,814	0.574	1,615
17.	Extra gang and snow plough foremen	453	1,293,815	1,079,053	2,856	0.834	2,382
18.	Signal foremen	54	D 17,155	163,031	D 318	D 9.503	3,019
19.	Section foremen	5,865	15,697,277	10,948,109	2,676	0.697	1,867
20.	Sectionmen	17,715	44,411,616	23,123,558	2,507	0.521	1,305
21.	Labourers	9,383	24,577,869	11,408,250	2,619	0.464	1,216
22.	Foremen - Linemen	40	D 13,199	97,753	D 330	D 7.406	2,444
23.	Telegraph and telephone linemen and groundmen	57	130,664	98,519	2,292	0.754	1,728
24.	Signal and interlocker maintainers and repairmen	633	1,739,555	1,267,700	2,748	0.729	2,003
	Total ..... (Hourly basis)	38,489	98,994,851	55,703,921	2,572	0.563	1,447
	(Daily basis)	629	D 197,405	1,428,313	D 314	D 7.235	2,271
	Total	39,118	-	57,132,234	-	-	1,461
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	64	D 19,984	216,945	D 312	D 10.856	3,390
26.	Department and gang foremen	2,292	D 737,233	6,219,895	D 322	D 8.437	2,714
27.	Blacksmiths	690	1,597,974	1,449,532	2,316	0.907	2,101
28.	Boilermakers	1,173	2,945,672	2,737,395	2,511	0.929	2,334
29.	Carmen (a)	2,146	4,951,410	4,656,366	2,307	0.940	2,170
30.	Carmen (b)	513	1,183,908	1,114,264	2,308	0.941	2,172
31.	Carmen (c)	6,073	15,147,380	12,679,106	2,494	0.837	2,088
32.	Carmen (d)	225	508,410	433,720	2,260	0.853	1,928
33.	Electrical workers	916	2,288,655	1,979,520	2,499	0.865	2,161
34.	Machinists	4,421	11,001,717	10,113,084	2,489	0.919	2,288
35.	Moulders	128	295,422	290,383	2,308	0.983	2,269
36.	Pipe Fitters and sheet metal workers	1,088	2,559,357	2,416,455	2,352	0.944	2,221
		7,589	18,753,495	12,711,966	2,471	0.678	1,675

38.	Helper apprentices	5	5,879	4,002	1,960	0.681	1,334
39.	Regular apprentices	1,304	2,966,980	1,325,660	2,275	0.447	1,017
40.	Car cleaners	1,828	4,349,311	2,326,433	2,379	0.535	1,273
41.	Other unskilled employees	4,250	10,516,957	5,602,476	2,475	0.533	1,318
42.	Unclassified labourers	2,784	6,530,202	3,179,989	2,346	0.487	1,142
43.	Stationary engineers, firemen and oilers	914	2,410,412	1,616,680	2,637	0.671	1,769
	Total ..... (Hourly basis)	36,045	88,013,141	64,637,031	2,442	0.734	1,793
	(Daily basis)	2,356	D 757,217	6,436,840	D 321	D 8.501	2,732
	Total	38,401	-	71,073,871	-	-	1,851
	TRANSPORTATION						
44.	Inspectors and sergeants of police	204	D 66,231	512,825	D 325	D 7.743	2,514
45.	Constables and policemen	1,175	D 395,697	1,933,666	D 337	D 4.887	1,646
46.	Storekeepers	179	D 55,436	410,817	D 310	D 7.411	2,295
47.	Storemen	1,827	4,315,126	2,589,066	2,362	0.600	1,417
48.	Train despatchers and traffic supervisors	618	1,610,812	2,156,146	2,606	1.339	3,489
49.	Supervisory agents and assistants	565	1,471,946	1,398,742	2,605	0.950	2,476
50.	Station agents - non-telegraphers (small stations)	134	332,793	163,899	2,484	0.492	1,223
51.	Station agents - telegraphers and telephoners	5,503	15,131,624	12,369,816	2,750	0.817	2,248
52.	Signalmen (non-telegraphers) at interlockers	256	666,274	439,772	2,603	0.660	1,718
53.	Foremen in freight sheds	495	1,276,479	1,022,351	2,579	0.801	2,065
54.	Freight handlers and other station employees	5,515	13,256,465	7,980,218	2,404	0.602	1,447
55.	Labourers	1,033	2,757,751	1,407,662	2,670	0.510	1,363
56.	Dining car and restaurant inspectors, conductors & stewards	404	D 121,291	923,258	D 300	D 7.612	2,285
57.	Dining car and restaurant helpers and attendants	2,983	D 886,920	3,800,580	D 297	D 4.285	1,274
58.	News agents	177	D 50,557	379,408	D 286	D 7.505	2,144
59.	Floating equipment employees	765	2,529,242	1,247,370	3,306	0.493	1,631
60.	Sleeping and parlour car inspectors and conductors	239	D 79,560	571,834	D 333	D 7.187	2,393
61.	Sleeping and parlour car porters	1,295	D 421,822	1,844,766	D 326	D 4.373	1,425
62.	Drawbridge operators	94	240,279	162,757	2,556	0.677	1,731
63.	Signalmen or watchmen at crossings (non-interlocked)	557	1,424,354	702,788	2,557	0.493	1,262
64.	Yardmasters and assistants	557	D 188,882	1,822,565	D 339	D 9.649	3,272
65.	Switch tenders	422	D 142,452	785,173	D 338	D 5.512	1,861
66.	Hostlers	562	D 202,442	1,254,976	D 360	D 6.199	2,233
67.	Road passenger conductors	890	2,163,602	3,028,597	2,431	1.400	3,403
68.	Road freight conductors	2,472	7,237,750	8,397,213	2,928	1.160	3,397
69.	Road passenger brakemen, baggagemen and flagmen	1,912	4,620,615	4,776,773	2,417	1.034	2,498
70.	Road freight brakemen and flagmen	5,378	14,882,884	13,622,320	2,767	0.915	2,533
71.	Yard conductors and yard foremen	1,630	4,611,613	4,378,822	2,829	0.950	2,686
72.	Yard brakemen and helpers	3,438	9,437,950	8,326,972	2,745	0.882	2,422
73.	Road passenger engineers and motormen	1,067	2,395,348	4,199,010	2,245	1.753	3,935
74.	Road freight engineers and motormen	3,226	9,189,071	12,007,578	2,848	1.307	3,722
75.	Yard engineers and motormen	1,467	4,561,812	4,435,601	3,110	0.972	3,024
76.	Road passenger firemen and helpers	1,083	2,317,126	3,201,511	2,140	1.382	2,956
77.	Road freight firemen and helpers	3,520	9,161,031	9,298,644	2,603	1.015	2,642
78.	Yard firemen and helpers	1,494	4,542,425	3,530,665	3,040	0.777	2,363
	Total ..... (Hourly basis)	44,939	120,134,372	110,844,593	2,673	0.925	2,467
	(Daily basis)	8,197	D 2,611,290	14,259,868	D 319	D 5.453	1,757
	Total	53,136	-	125,084,261	-	-	2,354
79.	Express department	3,192	D 998,620	5,663,194	D 313	D 5.671	1,774
80.	Communication department	6,759	16,636,660	10,757,805	2,461	0.647	1,592
81.	Employees engaged in outside operations	5,681	15,379,479	8,010,636	2,707	0.521	1,410
	GRAND TOTAL ..... (Hourly basis)	131,913	359,158,505	249,953,786	2,571	0.737	1,895
	(Daily basis)	37,750	D 11,876,258	73,847,859	D 315	D 6.218	1,956
	Total 1943 /	169,663	-	323,801,645	-	-	1,908
82.	Total number of female employees (monthly average)	10,051	-	-	-	-	-
83.	Total pay roll charged to operating expenses	-	-	294,075,725	-	-	-
84.	Pullman, bridge and tunnel companies (Hourly basis)	65	187,121	105,356	2,879	0.565	1,621
	(Daily basis)	121	D 44,207	228,797	D 365	D 5.176	1,891
	Total	186	-	334,153	-	-	1,797

(1) Average of counts made each month.

/ Includes $5,087,004 for 2,375 employees domiciled outside of Canada.

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Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1944

OTTAWA
1945

Price 10 cents

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, HERBERT MARSHALL, B.A., F.S.S.

Chief, Transportation and Public Utilities Branch, G.S.Wrong, B.Sc.

PRELIMINARY REPORT ON STATISTICS OF STEAM RAILWAYS 1944

20-1110

Railway revenues continued to increase advancing to a new high record of $796,636,786 in 1944 as compared with $778,914,565 in 1943 and $336,833,400 in 1938. Operating expenses were increased from $560,597,204 in 1943 to $634,774,021, which included approximately $10,000,000 of wages earned in 1943 and paid in 1944 under the National War Labour Board award of July 31, 1944. The 1944 expenses were also affected by this award which increased wage rates for the entire year. Freight revenues increased by $9,237,127 or 1.6 per cent, and passenger revenues increased by $8,060,462 or by 6.5 per cent. The increase in revenue ton miles of freight was 3.2 per cent, and in passenger miles 5.3 per cent. The operating expenses in addition to back pay and increased wages because of increased rates included charges for deferred maintenance amounting to $16,848,799, which with similar charges in 1943, 1942 and 1941 brings the total up to $56,651,839, or an amount equal to over 45 per cent of the 1938 maintenance expenses, and monthly reports for the first eight months of 1945 show a further addition to these charges of $7,000,000.

Railway tax accruals declined from their high record of $44,414,192 in 1943 to $35,092,157, and the net income before dividends and other profit and loss charges, was reduced to $61,691,665 as against $84,062,527 in 1943. Dividend payments during the year were increased from $5,541,980 in 1943 to $19,398,278, the Canadian Pacific paying $13,400,000 on common stock for the first time since 1931; it declared a further dividend of 3 per cent in 1945 out of 1944 earnings. The cash surplus of the Canadian National, paid to the Dominion Government and applied in reducing the loans from the Government, declined from $35,639,412 in 1943 to $23,026,924. Interest payments on funded and unfunded debt amounted to $74,177,422 as compared with $75,660,048

in 1943 and the peak of $79,786,267 in 1940, omitting years prior to 1937 when interest was accrued on Government advances to the Canadian National Railways to meet deficits. This reduction of $5,608,845 in these fixed charges between 1940 and 1944 included a net reduction of $2,120,942 by the Canadian National system and of $5,096,155 by the Canadian Pacific, and a net increase for all other railways of $141,302 plus an item of $1,466,950 for lessor of the Canada Southern Railway, which was not included in 1940.

The number of employees, which is the average of counts made each month, increased from 169,663 in 1943 to 175,095 or by 3.2 per cent, and the number of female employees included in these, increased from 10,051 to 13,387 or by 33 per cent.

The total salaries and wages paid increased from $323,801,645 to $372,064,613 or by 14.9 per cent. As explained above, the 1944 pay roll included approximately $10,000,000 of back pay for 1943 in addition to the increases for 1944. The award of the National War Labour Board ordered increases of 6 cents per hour or 48 cents per day or $2.88 per week or $12.48 per month, according to the basis of payment of wages to various classes of employees, including the running trades, telegraphers, freight handlers, maintenance of way employees, machinists, boilermakers,and many others. For the greater number of these the increases were retroactive to September 15, 1943, and for others to May 25 and to March 3, 1943. The Canadian National Railways stated that these increased rates resulted in an increase in pay roll in 1944 of $23,348,000; this would be over 12 per cent of their pay. The Canadian Pacific stated in its report to shareholders that the increase in rates together with cost of living bonus, which became part of the basic rates,caused a total increase of 25 per cent over rates in effect June 1, 1941.

The average hourly wage for all employees increased from 73.7 cents in 1943 to 83.4 cents. This, however, was affected by the inclusion of 1943 back pay in 1944, and also by the relative amount of overtime as well as the increases in basic rates. The highest average yearly wage, other than for executives, was for road passenger engineers at $4,271 as against $3,935 in 1943. These are the total wages paid to this class of employees divided by the average of counts of employees made each month. The counts on some roads are made four times a month and on some once each month, and include all such employees on the roster or assigned list on the day of the count whether or not they are actually working on that day. Labourers and other classes whose numbers fluctuate frequently are also counted in this manner; all other employees are counted only once in the middle of each month. The averages are thus full year positions and not the total number receiving wages. By this method of computing employees, 4 employees working 9 months each would be included in the average as 3 employees and the actual wage received

by each would be correspondingly less than the average shown in the report as wages paid by the railways. This method of computation also increases the average time worked over the actual average per individual but has no effect on the average rate per hour or day, which is actual time worked divided into the total wages paid.

During the year 8 passengers were killed in train accidents and 416 were injured as compared with 9 killed and 417 injured in 1943. On a passenger mile basis the averages per 1,000,000,000 passenger miles were: killed 1944 - 1.16; 1943 - 1.38; 1938 - 2.24; injured 1944 - 61; 1943 - 64 and 1938 - 176. The record in respect to employees killed and injured in train accidents also showed considerable improvement. The number killed was reduced to 81 from 112 in 1943, and the number injured was reduced to 2,637 from 2,942.

In non train accidents the number of employees injured increased from 9,725 in 1943 to 10,550, and the time lost in both train and non train accidents increased from 321,391 days to 333,163 days or by 3.7 per cent, and was 2.3 times the days lost in 1938 because of injuries. The number of employees killed in non train accidents, which includes accidents in handling traffic, machinery, supplies, etc., increased from 18 in 1943 to 22.

The number of persons killed at highway crossings in train accidents increased from 136 in 1941 to 138, but the number of persons injured declined from 430 to 360. Because of the greatly reduced motor vehicle use due to gasoline and tire rationing, to fewer passenger automobiles registered and reductions in legal maximum speeds, a reduction in accidents greater than this might be expected; the reduction in all motor vehicle fuel was approximately 24 per cent and in passenger automobile registrations 8 per cent, but commercial vehicle registrations increased by 6 per cent.

Railways consumed 4,470,320 tons of Canadian bituminous coal in 1939 and 2,546,375 tons of United States coal for locomotives and other purposes. In 1944 the consumption of Canadian coal declined to 4,160,197 tons but consumption of imported coal increased to 8,479,945 tons. This large increase in United States coal was due to inability to secure enough coal from Canadian mines.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	4,875,937	4,612,616	263,321	29,482	233,83
2.	Alma and Jonquiere	199,238	165,096	34,142	9,358	24,78
4.	Canada and Gulf Terminal	267,708	158,770	108,938	31,053	77,88
5.	Canada Southern (Lessee N.Y.C.)	28,857,181	18,145,173	10,712,008	3,210,278	7,501,73
5a.	Canada Southern (Lessor)	-	-	-	50,196	Dr. 50,19
6.	Canadian National	391,585,902	323,335,615	68,250,287	3,847,404	64,402,88
7.	Canadian Pacific	320,262,132	251,646,915	68,615,217	24,064,455	44,550,76
8.	Central Vermont	428,873	287,353	141,520	492	141,02
9.	Cumberland	191,978	186,598	5,380	2,758	2,62
10.	Essex Terminal	574,185	410,076	164,109	12,836	151,27
10a.	Great Northern Railway Co.	430,068	486,093	Dr. 56,025	67,046	Dr.123,07
11.	Greater Winnipeg Water District	53,532	83,026	Dr. 29,494	-	Dr. 29,49
12.	Hudson Bay	272,554	749,268	Dr.476,714	3,411	Dr.480,12
13.	Maine Central	15,221	16,809	Dr. 1,588	Cr. 1,211	Dr. 37
14.	Maritime Coal, Railway and Power Co.	192,774	104,143	88,631	23,881	64,75
15.	Midland Railway of Manitoba	719,278	531,575	187,703	66,926	120,77
16.	Morrissey, Fernie and Michel	70,433	81,543	Dr. 11,110	759	Dr. 11,86
17.	Napierville Junction	1,116,343	582,830	533,513	292,488	241,02
18.	Nelson and Fort Sheppard	11,779	113,825	Dr.102,046	3,609	Dr.105,65
19.	Northern Alberta	7,323,676	5,249,851	2,073,825	65,837	2,007,98
20.	Ottawa and New York	236,581	411,943	Dr.175,362	20,267	Dr.195,62
21.	Pacific Great Eastern	725,038	927,341	Dr.202,303	2,788	Dr.205,09
22.	Pere Marquette	10,864,868	6,305,150	4,559,718	1,845,016	2,714,70
23.	Quebec Railway, Light and Power Co.	751,854	737,876	13,978	15,245	Dr. 1,26
24.	Roberval and Saguenay	1,587,318	772,520	814,798	416,972	397,82
25.	St. Lawrence and Adirondack	923,321	964,458	Dr. 41,137	10,328	Dr. 51,46
26.	Sydney and Louisburg	1,311,398	1,365,540	Dr. 54,142	7,169	Dr. 61,31
27.	Temiscouata	341,927	326,029	15,898	4,661	11,23
28.	Temiskaming and Northern Ontario	6,516,533	5,393,803	1,122,730	2,289	1,120,44
29.	Thousand Islands	51,443	46,561	4,882	395	4,48
30.	Toronto, Hamilton and Buffalo	3,897,589	2,430,893	1,466,696	622,549	844,14
31.	Toronto Terminals	806,928	1,322,307	Dr.515,379	210,112	Dr.725,49
32.	Vancouver, Victoria and Eastern	659,705	582,539	77,166	86,592	Dr. 9,42
33.	Wabash (in Canada)	10,513,491	6,239,886	4,273,605	66,716	4,206,88
34.	Total 1944	796,636,786	634,774,021	161,862,765	/35,106,898	126,770,60
35.	Total 1943	778,914,565	560,597,204	218,317,361	/44,429,545	173,903,16
36.	Canadian National (Canada & U.S.)	441,147,510	362,547,044	78,600,466	7,341,514	71,258,95

/ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to $14,741

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	-	233,839	489,521	515,425	144,285	659,710	Dr. 170,189
2.	-	24,784	34,587	-	18,880	18,880	15,707
4.	-	77,885	84,439	57,000	16,375	73,375	11,064
5.	-	7,501,730	8,297,419	44,773	5,082,034	5,126,807	3,170,612
5a.	-	Dr. 50,196	2,016,285	1,466,950	2,384	1,469,334	546,951
6.	1,188,803	65,591,686	82,299,067	x 47,970,282	11,340,331	59,310,613	22,988,454
7.	2,653,300	47,204,062	59,615,576	16,384,951	8,530,795	24,915,746	34,699,830
8.	-	141,028	159,567	35,277	30,225	65,502	94,065
9.	-	2,622	2,622	-	3,745	3,745	Dr. 1,123
10.	-	151,273	165,907	13,800	18,516	32,316	133,591
10a.	-	Dr. 123,071	2,833	124,447	222,122	346,569	Dr. 343,736
11.	-	Dr. 29,494	Dr. 29,494	-	818	818	Dr. 30,312
12.	-	Dr. 480,125	Dr.468,416	-	115,076	115,076	Dr. 583,492
13.	-	Dr. 377	Dr. 312	-	124	124	Dr. 436
14.	-	64,750	66,202	-	16,867	16,867	49,335
15.	-	120,777	143,332	-	126,134	126,134	17,248
16.	-	Dr. 11,869	Dr. 11,869	-	-	-	Dr. 11,869
17.	-	241,025	330,342	2	218,304	218,306	112,036
18.	-	Dr. 105,655	Dr.105,384	-	4,057	4,057	Dr. 109,441
19.	1,406	2,009,394	2,572,733	1,498,139	811,500	2,309,639	263,094
20.	-	Dr. 195,629	Dr.187,310	336	28,823	29,159	Dr. 216,469
21.	11,376	Dr. 193,715	Dr.174,738	4,029,681	31,773	4,061,454	Dr.4,236,192
22.	-	2,714,702	2,831,511	181,866	1,611,701	1,793,567	1,037,944
23.	-	Dr. 1,267	12,953	-	12,953	12,953	-
24.	-	397,826	413,657	93,100	113,251	206,351	207,306
25.	-	Dr. 51,465	Dr. 33,983	50,255	191,168	241,423	Dr. 275,406
26.	-	Dr. 61,311	Dr. 61,311	-	553,815	553,815	Dr. 615,126
27.	-	11,237	14,485	-	14,170	14,170	315
28.	-	1,120,441	1,206,747	212,073	250,354	462,427	744,320
29.	-	4,487	5,067	5,067	-	5,067	-
30.	-	844,147	1,211,731	204,257	257,964	462,221	749,510
31.	-	Dr. 725,491	1,321,180	1,289,741	31,439	1,321,180	-
32.	-	Dr. 9,426	164,963	-	222,221	222,221	Dr. 57,258
33.	-	4,206,889	4,206,889	-	705,557	705,557	3,501,332
34.	3,854,885	130,625,493	166,596,848	74,177,422	30,727,761	104,905,183	61,691,665
35.	4,616,451	178,519,620	214,616,992	75,660,048	54,894,417	130,554,465	84,062,527
36.	1,188,803	72,447,755	81,781,133	48,374,284	10,407,597	58,781,881	22,999,252

x - Includes interest on $645,103,872 Dominion Government Loans $19,933,702.

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage Non-revenu trains
		At December 31 X	Average during Year ≠	ø	ø	ø	ø
1.	Algoma Central and Hudson Bay	320.8	321.8	675,848	-	675,848	32,0
2.	Alma and Jonquiere	10.6	10.6	18,546	-	18,546	-
3.	British Yukon	90.3	90.3				
4.	Canada and Gulf Terminal	38.1	38.1	14,340	50,178	64,518	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	2,226,450	1,644,178	3,870,628	96,9
6.	Canadian National	21,584.4	21,771.1	40,225,761	22,209,771	62,435,532	1,486,0
7.	Canadian Pacific	16,557.4	17,027.8	35,114,904	20,585,698	55,700,602	608,8
8.	Central Vermont	25.3	25.3	29,544	36,696	66,240	5
9.	Cumberland	31.3	31.3	27,136	-	27,136	-
10.	Essex Terminal	21.3	21.3	24,400	-	24,400	-
10a.	Great Northern Railway Co.	140.7	147.7	33,228	22,099	55,327	1,4
11.	Greater Winnipeg Water District	92.0	92.0	-	-	-	-
12.	Hudson Bay	510.1	510.1	55,132	40,800	95,932	13,2
12a.	International Bridge and Terminal Co.	1.1	1.1	-	-	-	-
13.	Maine Central	5.1	5.1	3,343	-	3,343	
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	20,418	1,408	21,826	-
15.	Midland Railway of Manitoba	5.7	75.5	49,044	100,150	149,194	-
16.	Morrissey, Fernie and Michel	5.0	5.0	26,780	-	26,780	-
17.	Napierville Junction	27.1	41.7	61,030	96,707	157,737	1,0
18.	Nelson and Fort Sheppard	-	-	10,800	-	10,800	
19.	Northern Alberta	922.7	927.6	840,827	382,673	1,223,500	86,9
20.	Ottawa and New York	57.3	58.0	35,041	37,286	72,327	-
21.	Pacific Great Eastern	347.8	347.8	95,276	43,327	138,603	23,8
22.	Pere Marquette	198.8	319.0	1,369,616	330	1,369,946	25,6
23.	Quebec Railway, Light and Power Co.	25.4	25.4	27,550	311,980	339,530	3,8
24.	Roberval and Saguenay	29.0	29.0	60,643	8,210	68,853	-
25.	St. Lawrence and Adirondack	46.5	60.9	68,186	121,376	189,562	1,2
26.	Sydney and Louisburg	70.3	70.3	123,408	43,220	166,628	-
27.	Temiscouata	101.1	112.8	49,739	53,959	103,698	2,1
28.	Temiskaming and Northern Ontario	574.0	574.0	787,504	575,560	1,363,064	44,1
29.	Thousand Islands	4.5	4.5	3,465	14,660	18,125	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	165,149	163,782	328,931	3,9
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31a.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Vancouver, Victoria and Eastern	-	-	34,181	31,658	65,839	
33.	Wabash (in Canada)	-	245.4	1,287,340	-	1,287,340	
34.	Total 1944	42,332.7	42,360.8	83,564,629	46,575,706	130,140,335	2,432,3
35.	Total 1943	42,342.7	42,336.8	81,443,279	45,745,039	127,188,318	2,936,4
36.	Canadian National (Canada and U.S.)	23,268.4	23,496.0	45,206,361	24,216,998	69,423,359	1,552,3

X Track operated under trackage rights excluded.

≠ Track operated under trackage rights included for each railway but excluded in total.

ø Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non Revenue)				Total Passenger Train Car Miles 1/
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,080,227	306,339,227	47,573	3,162,735	7,541,516	4,954,752	532,690	3/ 13,533,513	450,283
2.	305,037	3,355,407	9,950	100,450	99,631	75,836	-	175,467	4,079
3.									
4.	177,588	4,680,332	58,023	1,208,344	204,554	108,561	14,340	327,455	58,600
5.	14,183,941	2,445,244,734	2,327,098	370,097,282	91,228,905	58,325,000	2,295,816	151,849,721	20,792,998
6.	69,197,065	31,718,200,000	33,975,189	3,422,653,000	1,056,204,306	482,611,959	41,491,811	1,580,308,076	223,704,245
7.	55,679,262	27,447,987,000	18,460,662	2,891,434,000	870,813,544	443,583,836	38,247,270	1,352,644,650	191,178,591
8.	1,578,225	38,696,521	169,213	3,994,574	1,182,983	332,693	30,066	1,545,742	349,391
9.	553,665	3,362,308	4,076	72,473	50,510	50,510	6,919	107,939	23,160
10.	1,206,966	6,034,830	-	-	210,385	166,495	18,770	395,650	-
10a.	294,741	9,373,555	79,703	2,678,177	327,750	284,099	30,656	642,505	166,791
11.	117,268	-	10,092	506,327	-	-	-	-	-
12.	21,053	6,835,200	10,821	1,657,000	649,123	367,735	108,672	1,125,530	374,984
12a.	-	-	-	-	-	-	-	-	-
13.	170,507	869,586	126	643	25,777	24,054	153	49,984	3,190
14.	335,295	3,169,903	16,941	131,080	97,609	79,316	-	176,925	1,408
15.	251,006	17,977,299	125,478	7,188,586	718,633	301,229	49,978	1,069,840	723,168
16.	312,847	1,557,849	-	-	39,362	39,362	-	78,724	-
17.	2,967,174	79,852,696	295,050	10,419,101	1,861,228	1,170,099	58,995	3,090,322	689,789
18.	9,254	587,827	-	-	26,287	15,878	10,874	53,039	-
19.	1,345,316	336,329,732	254,762	42,827,812	14,437,060	7,264,092	869,740	22,570,892	3,640,835
20.	216,739	11,050,934	92,010	1,861,886	309,454	227,876	36,657	573,987	123,834
21.	153,743	17,797,314	34,828	2,852,329	803,464	534,323	43,338	4/ 1,501,467	418,760
22.	7,094,610	1,447,459,744	2,310	36,121	48,762,672	24,929,432	1,409,303	75,101,407	76,892
23.	361,669	7,576,888	2,495,474	25,254,558	266,804	177,330	27,320	471,454	685,510
24.	1,112,173	21,386,942	64,992	1,300,040	488,420	399,099	65,505	953,024	36,424
25.	1,221,029	38,091,659	501,056	9,751,336	1,153,605	1,102,265	68,629	2,324,499	610,914
26.	3,582,446	50,129,226	20,667	382,824	1,082,821	1,074,579	94,080	2,251,480	147,318
27.	182,471	6,338,665	42,423	1,416,054	282,782	169,384	34,774	486,940	177,139
28.	1,974,628	393,658,000	479,095	46,472,000	14,737,881	7,118,389	785,366	22,641,636	4,301,904
29.	2/	147,820	15,736	70,969	8,835	4,770	-	13,605	14,660
30.	3,791,008	138,751,174	647,076	22,449,162	3,862,645	1,548,576	166,957	5,578,178	998,264
31.	-	-	-	-	-	-	-	-	-
31a.	-	-	-	-	-	-	-	-	-
32.	460,383	12,642,622	95,526	3,208,849	434,460	362,704	30,742	827,906	226,351
33.	6,453,462	1,352,573,998	2/	2/	49,223,958	18,100,802	1,264,505	68,589,265	63,484
34.	5/177,390,798	65,928,078,992	60,335,950	6,873,187,712	2,167,136,964	1,055,505,035	87,793,926	3,311,060,322	1/450,042,986
35.	5/153,314,264	63,915,073,921	57,175,840	6,525,064,366	2,089,850,999	969,860,972	85,871,299	3,145,920,808	433,828,200
36.	80,851,179	36,015,898,732	35,928,212	3,696,546,316	1,202,394,088	555,869,244	45,488,480	6/1,806,796,934	242,180,762

1/ Includes Motor Unit Car Miles - 1,679,168 miles as motive power and 1,901 miles in locomotive drawn trains.

2/ Included in Canadian National Railways.

3/ Includes 504,555 miles in non revenue service

4/ Includes 120,342 " " " " "

5/ Duplications excluded.

6/ Includes 3,045,122 miles in non revenue service.

TABLE 5. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages: Per Hour (D - Days)	Salaries and Wages: Per Year
	GENERAL AND MISCELLANEOUS						
1.	Executives, general officers and assistants	530	D 160,780	3,781,819	D 303	D 23.522	7,135
2.	Division officers	1,040	D 334,936	3,932,821	D 322	D 11.742	3,782
3.	Assistant engineers and draftsmen	606	D 186,255	1,610,560	D 307	D 8.647	2,658
4.	Other miscellaneous officials	1,313	D 404,692	4,230,440	D 308	D 10.453	3,222
5.	Clerks	18,032	D 5,624,248	35,773,008	D 312	D 6.360	1,984
6.	Telephone switchboard operators	239	D 70,062	326,425	D 293	D 4.659	1,366
7.	Office boys, messengers, attendants & miscellaneous trades workers	1,350	D 402,075	1,590,117	D 298	D 3.955	1,178
8.	Janitors and cleaners	1,045	D 320,502	1,412,347	D 307	D 4.407	1,352
	Total ..... Daily basis)	24,155	D 7,503,550	52,657,537	D 311	D 7.018	2,180
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and building department foremen	557	D 177,699	1,379,273	D 319	D 7.762	2,476
10.	Carpenters and bridgemen	2,537	6,369,371	5,140,885	2,511	0.807	2,026
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	348	882,190	845,078	2,535	0.958	2,428
12.	Masons, bricklayers, plasterers and painters	482	1,182,195	984,023	2,453	0.832	2,042
13.	Helpers, B. and B. department	321	793,329	554,709	2,471	0.699	1,728
14.	Apprentices, B. and B. department	-	-	-	-	-	-
15.	Pile driver, ditching, hoist and steam shovel employees	439	1,346,948	1,211,296	3,068	0.899	2,759
16.	Pumpmen	422	1,185,069	828,350	2,808	0.699	1,963
17.	Extra gang and snow plough foremen	486	1,313,045	1,277,104	2,702	0.973	2,628
18.	Signal foremen	63	D 19,035	183,388	D 302	D 9.634	2,911
19.	Section foremen	5,891	15,711,148	12,745,081	2,667	0.811	2,163
20.	Sectionmen	17,616	43,627,195	27,979,398	2,477	0.641	1,588
21.	Labourers	8,923	22,959,693	12,133,567	2,573	0.528	1,360
22.	Foremen - Linemen	42	D 13,830	113,758	D 329	D 8.225	2,709
23.	Telegraph and telephone linemen and groundmen	52	113,016	98,923	2,173	0.875	1,902
24.	Signal and interlocker maintainers and repairmen	646	1,738,741	1,462,172	2,692	0.841	2,263
	Total ..... (Hourly basis)	38,163	97,221,940	65,260,586	2,548	0.671	1,710
	(Daily basis)	662	D 210,564	1,676,419	D 318	D 7.962	2,532
	Total	38,825	-	66,937,005	-	-	1,724
	MAINTENANCE OF EQUIPMENT						
25.	General foremen	68	D 22,303	249,680	D 328	D 11.195	3,672
26.	Department and gang foremen	2,360	D 771,158	6,919,884	D 327	D 8.973	2,932
27.	Blacksmiths	725	1,660,338	1,666,329	2,290	1.004	2,298
28.	Boilermakers	1,291	3,193,133	3,246,427	2,473	1.017	2,515
29.	Carmen (a)	2,161	4,904,810	4,998,295	2,270	1.019	2,313
30.	Carmen (b)	543	1,233,662	1,242,462	2,272	1.007	2,288
31.	Carmen (c)	6,465	15,741,302	14,569,358	2,435	0.926	2,254
32.	Carmen (d)	223	486,315	467,509	2,181	0.961	2,096
33.	Electrical workers	991	2,464,324	2,357,150	2,487	0.957	2,379
34.	Machinists	4,869	11,774,522	11,844,689	2,418	1.006	2,433
35.	Moulders	126	293,756	315,747	2,331	1.075	2,506

38.	Helper apprentices	4	8,748	8,134	2,187	0.930	2,034
39.	Regular apprentices	1,170	2,601,903	1,458,468	2,224	0.561	1,247
40.	Car cleaners	1,908	4,595,722	2,881,594	2,409	0.627	1,510
41.	Other unskilled employees	4,411	10,989,612	7,007,908	2,491	0.638	1,589
42.	Unclassified labourers	3,058	7,069,029	4,190,015	2,312	0.593	1,370
43.	Stationary engineers, firemen and oilers	931	2,408,339	1,849,624	2,587	0.768	1,987
	Total ..... (Hourly basis)	38,599	92,699,695	76,788,622	2,402	0.828	1,989
	(Daily basis)	2,428	D 793,461	7,169,564	D 327	D 9.036	2,953
	Total	41,027	-	83,958,186	-	-	2,054
	TRANSPORTATION						
44.	Inspectors and sergeants of police	210	D 69,217	579,812	D 330	D 8.377	2,761
45.	Constables and policemen	1,093	D 362,092	2,060,693	D 331	D 5.691	1,885
46.	Storekeepers	189	D 58,908	481,884	D 312	D 8.180	2,550
47.	Storemen	1,941	4,533,077	3,169,635	2,335	0.699	1,633
48.	Train despatchers and traffic supervisors	636	1,599,511	2,258,310	2,515	1.412	3,551
49.	Supervisory agents and assistants	621	1,586,475	1,571,943	2,555	0.991	2,531
50.	Station agents - non-telegraphers (small stations)	117	328,672	188,630	2,809	0.574	1,612
51.	Station agents - telegraphers and telephoners	5,593	15,051,548	13,780,195	2,691	0.916	2,464
52.	Signalmen (non-telegraphers) at interlockers	255	662,253	499,948	2,597	0.755	1,961
53.	Foremen in freight sheds	538	1,372,986	1,205,922	2,552	0.878	2,241
54.	Freight handlers and other station employees	5,913	13,877,218	9,701,289	2,347	0.699	1,641
55.	Labourers	1,138	3,000,565	1,864,102	2,637	0.621	1,638
56.	Dining car and restaurant inspectors, conductors & stewards	444	D 130,263	1,080,041	D 293	D 8.291	2,432
57.	Dining car and restaurant helpers and attendants	3,221	D 940,368	4,843,442	D 292	D 5.151	1,504
58.	News agents	179	D 54,813	433,015	D 306	D 7.900	2,419
59.	Floating equipment employees	747	2,478,300	1,316,708	3,318	0.531	1,763
60.	Sleeping and parlour car inspectors and conductors	278	D 92,444	723,344	D 333	D 7.825	2,602
61.	Sleeping and parlour car porters	1,391	D 443,988	2,255,731	D 319	D 5.081	1,622
62.	Drawbridge operators	86	223,818	182,002	2,603	0.813	2,116
63.	Signalmen or watchmen at crossings (non-interlocked)	555	1,445,402	885,892	2,604	0.613	1,596
64.	Yardmasters and assistants	617	D 198,432	2,050,716	D 322	D 10.335	3,324
65.	Switch tenders	399	D 136,125	842,156	D 341	D 6.187	2,111
66.	Hostlers	605	D 216,109	1,505,167	D 357	D 6.965	2,488
67.	Road passenger conductors	906	2,212,168	3,381,007	2,442	1.528	3,732
68.	Road freight conductors	2,538	7,246,044	9,313,095	2,855	1.285	3,669
69.	Road passenger brakemen, baggagemen and flagmen	1,935	4,696,475	5,460,201	2,427	1.163	2,822
70.	Road freight brakemen and flagmen	5,563	14,933,098	15,452,908	2,684	1.035	2,778
71.	Yard conductors and yard foremen	1,649	4,577,191	4,761,541	2,776	1.040	2,887
72.	Yard brakemen and helpers	3,500	9,471,277	9,295,941	2,706	0.981	2,656
73.	Road passenger engineers and motormen	1,065	2,394,516	4,548,483	2,248	1.900	4,271
74.	Road freight engineers and motormen	3,271	9,061,431	12,961,837	2,770	1.430	3,963
75.	Yard engineers and motormen	1,482	4,565,980	4,881,756	3,081	1.069	3,294
76.	Road passenger firemen and helpers	1,056	2,314,303	3,533,237	2,192	1.527	3,346
77.	Road freight firemen and helpers	3,562	9,165,394	10,193,069	2,573	1.112	2,862
78.	Yard firemen and helpers	1,500	4,550,609	3,971,966	3,034	0.873	2,648
	Total ..... (Hourly basis)	46,167	121,348,311	124,379,617	2,628	1.025	2,694
	(Daily basis)	8,626	D 2,702,759	16,856,001	D 313	D 6.237	1,954
	Total	54,793	-	141,235,618	-	-	2,578
79.	Express department	3,653	D 1,089,993	7,096,761	D 298	D 6.511	1,943
80.	Communication department	6,731	16,223,832	11,703,969	2,410	0.721	1,739
81.	Employees engaged in outside operations	5,911	15,971,857	8,475,537	2,702	0.531	1,434
	GRAND TOTAL .... (Hourly basis)	135,571	343,465,635	286,608,331	2,533	0.834	2,114
	(Daily basis)	39,524	D 12,300,327	85,456,282	D 311	D 6.947	2,162
	Total 1944 /	175,095	-	372,064,613	-	-	2,125
82.	Total number of female employees (monthly average)	13,387	-	-	-	-	-
83.	Total pay roll charged to operating expense	-	-	341,757,007	-	-	-
84.	Pullman, bridge and tunnel companies (Hourly basis)	86	240,988	151,199	2,802	0.627	1,728
	(Daily basis)	123	D 43,808	290,605	D 356	D 6.634	2,363
	Total	209	-	441,804	-	-	-

(1) Average of counts made each month.

/ Includes $8,932,258 for employees domiciled outside of Canada.

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1945

OTTAWA
1946

Price 10 cents

DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, HERBERT MARSHALL, O.B.E., B.A., F.S.S.

Chief, Transportation and Public Utilities Branch, G.S.Wrong, B.Sc.

20-1110

PRELIMINARY REPORT ON STATISTICS OF STEAM RAILWAYS 1945

Operating revenues of steam railways in Canada in 1945 totalled $774,971,360, a decrease of 2.7 per cent from the record total of $796,636,786 in 1944. Freight revenues decreased by 3.3 per cent, passenger revenues by 4.9 per cent, but all other revenues increased by 4.7 per cent. Operating expenses amounted to $631,497,562, compared with $634,774,021 in 1944, a decrease of 0.5 per cent. Small increases occurred in transportation, traffic, miscellaneous and general expenses, which were offset by decrease in maintenance of way and structures and maintenance of equipment expenses. The decline of $7,971,635 or 2.8 per cent in all maintenance expenses can be accounted for by the drop in deferred maintenance appropriations to $10,155,566, compared with $16,848,799 in 1944. Net operating revenues were $143,473,798 in 1945, compared with $161,862,765 in 1944.

Railway tax accruals were $30,777,455 compared with $35,092,157 in the previous year. This represents a decline of nearly one-third from the high record of $44,414,192 in 1943. The continued reduction in railway debt outstanding was reflected in a further drop in interest charges on debt, which amounted to $71,838,531 in 1945, compared with $74,177,422 in the previous year. Other non-operating expenses were $28,443,803, against $30,727,761 in 1944, leaving net corporate income of $51,941,093 before dividends and other profit and loss charges, against $61,691,665 in 1944. Dividend payments during the year were the largest since 1931 at $22,577,695, compared with $19,398,278 in the previous year. Dividends on the ordinary and preference stocks of the Canadian Pacific accounted for $21,781,500 of this total. The cash surplus of the Canadian National, paid to the Dominion Government and applied in reducing loans from the Government, amounted to $24,756,130 during the year, compared with $23,026,924 in 1944. Since 1941, the operations of the Canadian National have realized surpluses totalling $112,502,061.

Important features of the improvement in the financial positions of Canadian railways during the last few years have been the increases in the various reserves built up for depreciation, deferred maintenance and other contingencies. In 1939 reserves of all types amounted to $127,328,702, compared with $493,963,692 at the end of 1945. Of this increase in reserves of $366,634,990, the amount of $243,772,264 was created through charges to operating expenses, the remainder through adjustments in asset values at the time of initiating depreciation accounting for road and equipment.

The number of employees, based on the average of counts made each month, increased from 175,095 in 1944 to 180,603 in 1945, which is the highest since 1929. Salaries and wages paid amounted to $371,814,379, a slight decline from the $372,064,613 paid in 1944. The latter year, however, includes approximately $10,000,000 back pay from 1943. The increase in the number of employees over 1944 was concentrated largely in the unskilled categories of maintenance employees. The two factors just mentioned account for the decline in the average hourly wage for all employees from 83.4 cents to 81.9 cents. The highest average yearly wage, other than for executives, was $4,330 for road passenger engineers, which compares with $4,271 for this class of employees in 1944.

The average yearly wages paid in any class are calculated by dividing the total wages paid by the average of counts of employees made each month. The counts on some roads are made four times a month and on some once each month, and include all such employees on the roster or assigned list on the day of the count whether or not they are actually working on that day. Labourers and other classes whose numbers fluctuate frequently are also counted in this manner; all other employees are counted only once in the middle of each month. The averages are thus full year positions and not the total number receiving wages. By this method of computing employees, 4 employees working 9 months each would be included in the average as 3 employees and the actual wage received by each would be correspondingly less than the average shown in the report as wages paid by the railways. This method of computation also increases the average time worked over the actual average per individual but has no effect on the average rate per hour or day, which is actual time worked divided into the total wages paid.

In train accidents during 1945, 10 passengers were killed and 360 injured, compared with 8 killed and 416 injured in 1944. The averages per 1,000,000,000 passenger miles were: killed 1945 - 1.57; 1944 - 1.16; 1943 - 1.38; injured 1945 - 56; 1944 - 61; 1943 - 64. Employees killed in train accidents numbered 71, compared with 81 in 1944 and 112 in 1943, while the number injured numbered 2,665, compared with 2,637 in 1944 and 2,942 in 1943.

In non-train accidents, which include accidents in handling traffic, machiner supplies, etc., the number of employees killed increased to 27, compared with 22 in 1944 and 18 in 1943. The number injured was slightly less at 10,482, against 10,550 in 1944 and 9,72 in 1943. Time lost through injuries was 331,667 days, compared with 333,163 days in 1944 ar 321,391 days in 1943.

The number of persons killed at highway crossings in train accidents decreased in 1945 from previous year, there being only 121 fatalities, compared with 138 in 1944. The number injured increased sharply from 360 to 470. The abandonment of gasoline rationing and the consequent increase in the use of motor vehicles may have contributed to this result. On the other hand, the trend of highway crossing accidents during the war period was upward to a peak in 1942, in spite of the restrictions on motor travel. The trend appears to have shown a closer correlation with the volume of railway traffic than with highway traffic.

Freight traffic tonnage showed a decline from the previous year for the first time since 1938. Tons originating on Canadian railways and received from foreign connections totalled 147,348,566 in 1945, compared with 155,326,332 tons in 1944. The 1938 total was 76,175,305 tons, indicating that the physical volume of traffic had doubled by the end of the wartime period. The greater part of the decline in tonnage from 1944 occurred in products of mines and manufactures.

There was a net increase of 15 in the number of locomotives of all types in service on Canadian railways over last year, the total now standing at 4,431; the number of passenger cars in service decreased 50 to 6,213; in freight cars in service additions exceeded retirements by 702, the number at the end of 1945 being 164,769.

Consumption of bituminous coal by Canadian railways for locomotives and other purposes amounted to 12,799,307 tons, compared with 12,640,142 tons in 1945. The consumption of Canadian coal, which had dropped to only 33 per cent of the total consumption in 1944 was back to more nearly normal proportions in 1945 at 65 per cent of the total.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1945.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	5,020,129	4,580,631	439,498	30,476	409,022
2.	Alma and Jonquiere	187,668	149,975	37,693	10,165	27,528
4.	Canada and Gulf Terminal	279,727	164,724	115,003	37,594	77,409
5.	Canada Southern (Lessee N.Y.C.)	22,992,477	18,922,332	4,070,145	2,399,922	1,670,223
5a.	Canada Southern (Lessor)	-	-	-	35,102	Dr. 35,102
6.	Canadian National	383,899,990	313,682,519	70,217,471	3,759,216	66,458,255
7.	Canadian Pacific	317,406,710	258,121,827	59,284,883	21,933,197	37,351,686
8.	Central Vermont	359,182	287,645	71,537	414	71,123
9.	Cumberland	169,051	168,947	104	2,767	Dr. 2,663
10.	Essex Terminal	470,409	316,891	153,518	36,419	117,099
11.	Great Northern Railway Co.	1,191,867	2,068,563	Dr.876,696	159,950	Dr.1,036,646
12.	Greater Winnipeg Water District	55,936	90,034	Dr. 34,098	-	Dr. 34,098
13.	Hudson Bay	213,348	641,542	Dr.428,194	3,216	Dr. 431,410
14.	Maine Central	15,346	16,246	Dr. 900	-	Dr. 900
15.	Maritime Coal, Railway and Power Co.	171,080	106,799	64,281	15,037	49,244
16.	Midland Railway of Manitoba	524,259	522,518	1,741	31,532	Dr. 29,791
17.	Morrissey, Fernie and Michel	64,795	68,438	Dr. 3,643	348	Dr. 3,991
18.	Napierville Junction	1,002,879	620,077	382,802	170,953	211,849
19.	Northern Alberta	5,337,712	4,116,862	1,220,850	68,752	1,152,098
20.	Ottawa and New York	197,529	402,005	Dr.204,476	21,116	Dr. 225,592
21.	Pacific Great Eastern	876,357	896,063	Dr. 19,706	3,217	Dr. 22,923
22.	Pere Marquette	9,353,195	5,821,557	3,531,638	733,533	2,798,105
23.	Quebec Railway, Light and Power Co.	795,498	773,515	21,983	16,474	5,509
24.	Roberval and Saguenay	1,156,513	500,480	656,033	306,829	349,204
25.	St. Lawrence and Adirondack	850,531	995,633	Dr.145,102	10,300	Dr. 155,402
26.	Sydney and Louisburg	1,113,305	1,202,364	Dr. 89,059	6,534	Dr. 95,593
27.	Temiscouata	351,676	331,299	20,377	4,982	15,395
28.	Temiskaming and Northern Ontario	7,350,340	5,646,485	1,703,855	2,161	1,701,694
29.	Thousand Islands	55,356	52,085	3,271	432	2,839
30.	Toronto, Hamilton and Buffalo	3,819,334	2,324,358	1,494,976	710,720	784,256
31.	Toronto Terminals	873,528	1,454,561	Dr.581,033	201,798	Dr. 782,831
32.	Wabash (in Canada)	8,815,633	6,450,587	2,365,046	64,299	2,300,747
33.	Total 1945	774,971,360	631,497,562	143,473,798	+30,777,455	112,696,343
34.	Total 1944	796,636,786	634,774,021	161,862,765	+35,092,157	126,770,608
35.	Canadian National (Canada & U.S.)	433,773,394	355,294,049	78,479,345	6,476,981	72,002,364

+ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $15,244 in 1945, and $14,741 in 1944, which are classified as "Rent for Leased Roads" of the Pere Marquette Railway and included in "All Other Non-Operating Expenses

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1945.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	-	409,022	454,629	515,425	68,626	584,051	Dr. 129,422
2.	-	27,528	35,146	-	18,239	18,239	16,907
4.	-	77,409	84,507	57,000	17,654	74,654	9,853
5.	-	1,670,223	2,703,703	122,454	4,726,455	4,848,909	Dr.2,145,206
5a.	-	Dr. 35,102	2,009,381	1,465,650	2,409	1,468,059	541,322
6.	1,235,851	67,694,106	81,701,446	x 46,346,205	10,855,368	57,201,573	24,499,873
7.	4,440,628	41,792,314	54,475,496	15,387,177	7,474,157	22,861,334	31,614,162
8.	-	71,123	90,037	35,019	38,101	73,120	16,917
9.	-	Dr. 2,663	Dr. 2,663	-	6,010	6,010	Dr. 8,673
10.	-	117,099	134,108	13,800	27,983	41,783	92,325
11.	-	Dr. 1,036,646	Dr. 784,730	195,647	282,439	478,086	Dr.1,262,816
12.	-	Dr. 34,098	Dr. 34,098	-	1,664	1,664	Dr. 35,762
13.	-	Dr. 431,410	Dr. 419,763	-	93,205	93,205	Dr. 512,968
14.	-	Dr. 900	Dr. 827	-	211	211	Dr. 1,038
15.	-	49,244	51,930	-	15,741	15,741	36,189
16.	-	Dr. 29,791	Dr. 12,906	-	141,870	141,870	Dr. 154,776
17.	-	Dr. 3,991	Dr. 3,997	-	-	-	Dr. 3,997
18.	-	211,849	303,362	2	226,135	226,137	77,225
19.	1,895	1,153,993	2,095,654	1,572,790	524,766	2,097,556	Dr. 1,902
20.	-	Dr. 225,592	Dr. 215,750	20	27,097	27,117	Dr. 242,867
21.	3,248	Dr. 19,675	Dr. 3,171	4,131,136	40,338	4,171,474	Dr.4,174,645
22.	-	2,798,105	2,814,212	145,652	1,657,305	1,802,957	1,011,255
23.	-	5,509	19,758	-	19,758	19,758	-
24.	-	349,204	360,503	93,100	56,926	150,026	210,477
25.	-	Dr. 155,402	Dr. 129,667	49,027	202,721	251,748	Dr. 381,415
26.	-	Dr. 95,593	Dr. 95,593	-	525,972	525,972	Dr. 621,565
27.	-	15,395	18,834	-	19,106	19,106	Dr. 272
28.	-	1,701,694	1,825,989	206,654	374,717	581,371	1,244,618
29.	-	2,839	3,479	3,006	473	3,479	-
30.	-	784,256	1,126,154	204,240	259,331	463,571	662,583
31.	Dr. 8,117	Dr. 790,948	1,317,517	1,294,527	22,990	1,317,517	-
32.	-	2,300,747	2,300,747	-	716,036	716,036	1,584,711
33.	5,673,505	118,369,848	152,223,427	71,838,531	28,443,803	100,282,334	51,941,093
34.	3,854,885	130,625,493	166,596,848	74,177,422	30,727,761	104,905,183	61,691,665
35.	1,235,851	73,238,215	79,523,218	46,715,658	8,295,882	55,011,540	24,511,678

x Includes interest on $674,201,613 Dominion Government Loans, $20,306,358.

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1945.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-revenue Trains
		At December 31 X	Average during Year +	ø	ø	ø	ø
1.	Algoma Central and Hudson Bay	320.8	321.8	693,467	-	693,467	46,25
2.	Alma and Jonquiere	10.6	10.6	20,581	-	20,581	-
3.	British Yukon	90.3	90.3	-	-	-	-
4.	Canada and Gulf Terminal	38.1	36.0	19,040	49,402	68,442	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	1,809,915	1,645,514	3,455,429	105,99
6.	Canadian National	21,557.2	21,769.3	38,481,780	22,583,857	61,065,637	1,636,55
7.	Canadian Pacific	16,604.0	17,029.2	35,016,268	20,794,392	55,810,660	901,91
8.	Central Vermont	25.3	25.3	24,888	35,808	60,696	1,41
9.	Cumberland	31.3	31.3	26,602	-	26,602	-
10.	Essex Terminal	21.3	21.3	25,040	-	25,040	-
11.	Great Northern Railway Co.	140.7	147.7	79,531	52,936	132,467	2,15
12.	Greater Winnipeg Water District	92.0	92.0	-	-	-	-
13.	Hudson Bay	510.1	510.1	56,880	2,734	59,614	12,28
13a.	International Bridge and Terminal Co.	1.1	1.1	-	-	-	-
14.	Maine Central	5.1	5.1	3,332	-	3,332	-
15.	Maritime Coal, Railway & Power Co.	12.2	12.0	19,772	2,001	21,773	-
16.	Midland Railway of Manitoba	5.7	75.5	48,910	97,570	146,480	-
17.	Morrissey, Fernie and Michel	5.0	5.0	25,700	954	26,654	7,71
18.	Napierville Junction	27.1	41.7	55,881	83,116	138,997	2,04
19.	Northern Alberta	922.7	927.6	694,484	352,046	1,046,530	36,41
20.	Ottawa and New York	57.3	58.0	36,816	37,052	73,868	-
21.	Pacific Great Eastern	347.8	347.0	110,498	43,905	154,403	27,68
22.	Pere Marquette	198.8	318.9	1,123,072	246	1,123,318	18,06
23.	Quebec Railway, Light and Power Co.	25.4	25.0	25,190	321,249	346,439	3,73
24.	Roberval and Saguenay	29.0	29.0	41,025	-	41,025	-
25.	St. Lawrence and Adirondack	46.5	60.9	66,312	122,040	188,352	2,21
26.	Sydney and Louisburg	70.3	70.3	112,152	43,477	155,629	-
27.	Temiscouata	101.1	113.0	49,824	54,838	104,662	2,53
28.	Temiskaming and Northern Ontario	574.3	574.3	892,613	565,311	1,394,924	39,05
29.	Thousand Islands	4.5	4.5	3,303	14,070	17,373	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	159,448	165,089	324,537	3,72
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31a.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	1,053,265	-	1,053,265	72
33.	Total 1945	42,352.4	42,394.6	80,712,589	47,067,607	127,780,196	2,850,47
34.	Total 1944	42,332.7	42,360.8	83,564,629	46,575,706	130,140,335	2,432,38
35.	Canadian National (Canada and U.S.)	23,241.3	23,498.4	43,381,957	24,600,264	67,982,221	1,732,06

X Track operated under trackage rights excluded.

\+ Track operated under trackage rights included for each railway but excluded from total

ø Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1945.

Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-Revenue)				Total Passenger Train Car Miles 1/
Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
2,059,886	311,945,689	50,999	3,742,061	7,806,340	5,290,465	552,051	3/ 14,447,440	457,385
261,198	2,873,178	4,523	49,753	92,092	67,595	-	159,687	6,830
-	-	-	-	-	-	-	-	-
189,818	4,834,025	58,866	1,180,243	235,373	109,454	19,040	363,867	83,947
10,928,132	1,838,875,705	1,650,672	268,930,308	73,250,043	44,170,225	1,808,931	119,229,199	19,828,105
67,827,212	30,349,111,000	28,462,362	3,068,702,000	1,029,105,623	462,982,837	40,404,463	1,532,492,923	221,185,678
54,822,012	27,323,999,000	17,740,684	2,868,906,000	872,638,058	444,521,572	38,916,080	1,356,075,710	193,431,418
1,230,432	29,386,488	180,842	4,277,648	1,032,032	510,529	25,992	1,568,553	324,990
490,309	3,047,341	3,238	56,079	45,055	45,055	6,372	96,482	23,252
1,041,684	5,208,420	-	-	185,000	130,215	18,100	333,315	-
771,326	23,938,733	157,008	5,234,413	836,333	680,041	74,289	1,590,663	380,360
116,696	-	10,445	534,289	-	-	-	-	28,797
21,737	6,717,379	9,182	1,385,951	584,850	307,627	75,186	967,663	258,652
-	-	-	-	-	-	-	-	-
173,383	884,253	91	464	27,213	21,312	76	48,601	-
284,648	2,931,785	11,766	84,154	88,240	72,089	-	160,329	2,001
184,374	13,090,104	94,910	5,224,580	567,665	249,526	48,984	866,175	641,446
287,257	1,427,667	198,840	988,234	36,178	36,178	-	72,356	16,374
2,697,373	72,633,836	271,859	9,239,373	1,700,151	1,075,312	56,100	2,831,563	588,555
959,330	267,803,530	227,730	28,427,448	11,204,464	5,596,498	672,338	17,473,300	2,949,638
170,344	7,760,078	67,549	1,967,644	236,226	205,990	36,816	479,032	124,506
121,454	20,072,930	38,067	2,996,179	976,795	591,750	55,263	1,623,808	446,516
6,482,210	1,263,303,316	3,056	57,107	42,598,060	18,643,312	1,156,332	62,398,204	70,567
368,358	7,690,797	2,440,666	24,342,438	271,944	174,714	24,948	471,606	689,658
904,208	17,432,861	74	1,422	431,094	382,058	43,238	856,390	6,520
1,024,134	33,394,356	538,672	10,625,318	1,021,641	852,238	66,320	1,940,199	597,149
3,002,253	40,464,374	17,493	271,117	930,494	922,513	82,624	1,935,631	151,895
189,497	6,837,465	45,432	1,429,924	301,805	184,425	36,028	522,258	171,528
2,110,780	421,607,000	509,268	50,465,000	16,177,566	8,244,459	829,609	25,251,634	4,290,139
2/	162,937	15,483	69,828	9,267	4,805	-	14,072	14,750
3,593,964	133,261,595	598,068	20,965,974	3,719,122	1,494,207	160,991	5,374,320	992,538
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
5,443,438	1,138,398,576	2/	2/	41,689,045	13,960,563	1,030,327	56,580,435	59,323
4/147,348,566	63,349,094,913	53,407,845	6,380,154,949	2,107,797,769	1,011,428,064	86,200,998	3,206,225,415	1/ 447,822,527
4/155,526,332	65,928,078,992	60,335,950	6,673,137,712	2,167,136,964	1,055,505,035	87,793,926	3,311,060,822	450,042,986
79,941,296	34,599,518,473	30,370,680	3,338,197,658	1,174,010,548	528,632,862	44,159,917 5/	1,750,793,314	239,382,999

Includes Motor Unit Car Miles - 1,702,565 miles as motive power and 571 miles in locomotive drawn trains.

Included in Canadian National Railway.

Includes 798,584 miles in non-revenue service.

4/ Duplications excluded.

5/ Includes 3,989,987 miles in non-revenue service.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1945.

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages: Per Hour (D - Days)	Salaries and Wages: Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	548	D 165,312	3,938,770	D 302	D 23.826	7,188
2.	Division Officers	1,060	D 338,591	4,283,397	D 319	D 12.651	4,041
3.	Assistant Engineers and Draftsmen	615	D 189,144	1,654,528	D 308	D 8.747	2,690
4.	Other Miscelleneous Officials	1,337	D 404,904	4,359,126	D 303	D 10.766	3,260
5.	Clerks	18,542	D 5,706,668	35,859,334	D 308	D 6.284	1,934
6.	Telephone Switchboard Operators	241	D 74,395	329,775	D 309	D 4.433	1,368
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,408	D 411,971	1,572,793	D 293	D 3.818	1,117
8.	Janitors and Cleaners	1,006	D 306,615	1,352,774	D 305	D 4.412	1,345
	Total ..... (Daily basis)	24,757	D 7,597,600	53,350,497	D 307	D 7.022	2,155
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	562	D 175,423	1,294,280	D 312	D 7.378	2,303
10.	Carpenters and Bridgemen	2,565	6,211,697	4,738,125	2,422	0.763	1,847
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	342	847,497	784,638	2,478	0.926	2,294
12.	Masons, Bricklayers, Plasterers and Painters	479	1,146,825	907,433	2,394	0.791	1,894
13.	Helpers, B. and B. Department	340	827,507	554,050	2,434	0.670	1,630
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	479	1,437,437	1,257,174	3,001	0.875	2,625
16.	Pumpmen	405	1,123,371	736,705	2,774	0.656	1,819
17.	Extra Gang and Snow Plough Foremen	526	1,323,767	1,233,614	2,517	0.932	2,345
18.	Signal Foremen	58	D 18,028	163,195	D 311	D 10.162	3,159
19.	Section Foremen	5,955	15,608,826	12,011,143	2,621	0.769	2,017
20.	Sectionmen	18,060	43,973,782	26,306,157	2,435	0.598	1,457
21.	Labourers	9,873	23,676,498	12,457,307	2,398	0.526	1,262
22.	Foremen, Linemen	46	D 15,517	126,232	D 337	D 8.135	2,744
23.	Telegraph and Telephone Linemen and Groundmen	60	134,154	110,685	2,236	0.825	1,845
24.	Signal and Interlocker Maintainers and Repairmen	663	1,755,365	1,433,974	2,648	0.817	2,163
	Total ..... (Hourly basis)	39,747	98,066,726	62,531,005	2,467	0.638	1,573
	(Daily basis)	666	D 208,968	1,603,707	D 314	D 7.674	2,408
	Total	40,413	-	64,134,712	-	-	1,587
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	65	D 21,074	246,583	D 324	D 11.701	3,794
26.	Department and Gang Foremen	2,420	D 781,279	6,989,430	D 323	D 8.946	2,888
27.	Blacksmiths	727	1,653,358	1,606,215	2,274	0.971	2,209
28.	Boilermakers	1,395	3,279,405	3,247,715	2,351	0.990	2,328
29.	Carmen (a)	2,160	4,820,757	4,754,009	2,232	0.986	2,201
30.	Carmen (b)	555	1,195,191	1,181,211	2,153	0.988	2,128
31.	Carmen (c)	6,608	15,940,347	14,476,122	2,412	0.908	2,191
32.	Carmen (d)	222	481,791	443,329	2,170	0.920	1,997
33.	Electrical Workers	1,041	2,535,346	2,376,206	2,435	0.937	2,283
34.	Machinists	5,117	11,992,664	11,748,226	2,344	0.980	2,296
35.	Moulders	128	282,478	297,869	2,207	1.054	2,327
36.	Pipe Fitters and Sheet Metal Workers	1,275	2,861,395	2,850,738	2,248	0.996	2,239
37.	Helpers to Mechanics	8,993	21,181,493	15,931,972	2,355	0.752	1,772
		7	16,964	13,919	2,423	0.821	1,988

41. Other Unskilled Employees	1,921	4,654,672	2,841,647	2,423	0.610	1,479
42. Unclassified Labourers	4,500	11,023,846	6,782,088	2,450	0.615	1,507
43. Stationary Engineers, Firemen and Oilers	3,176	7,343,279	4,275,602	2,312	0.582	1,346
	909	2,366,301	1,777,882	2,603	0.751	1,956
Total ..... (Hourly basis)	40,038	94,483,684	76,353,338	2,360	0.808	1,907
(Daily basis)	2,485	D 802,353	7,236,013	D 323	D 9.018	2,912
Total	42,523	-	83,589,351	-	-	1,966
TRANSPORTATION						
44. Inspectors and Sergeants of Police	210	D 68,849	598,138	D 328	D 8.698	2,848
45. Constables and Policemen	948	D 312,394	2,002,601	D 330	D 6.410	2,112
46. Storekeepers	228	D 69,983	566,467	D 307	D 8.094	2,485
47. Storemen	1,956	4,323,111	3,116,879	2,312	0.689	1,593
48. Train Despatchers and Traffic Supervisors	630	1,592,829	2,268,719	2,528	1.424	3,601
49. Supervisory Agents and Assistants	675	1,731,172	1,710,270	2,565	0.988	2,534
50. Station Agents, Non-telegraphers (small station)	132	335,940	184,616	2,545	0.550	1,399
51. Station Agents, Telegraphers and Telephoners	5,603	14,939,137	13,515,906	2,666	0.905	2,412
52. Signalmen (Non-telegraphers) at Interlockers	251	652,536	484,283	2,600	0.742	1,929
53. Foremen in Freight Sheds	588	1,458,090	1,313,470	2,480	0.901	2,234
54. Freight Handlers and other Station Employees	6,204	14,691,765	10,278,735	2,368	0.700	1,657
55. Labourers	1,169	2,943,326	1,894,600	2,518	0.644	1,621
56. Dining Car and Restaurant Inspectors, Conductors & Stewards	474	D 139,546	1,168,609	D 294	D 8.374	2,465
57. Dining Car and Restaurant Helpers and Attendants	3,373	D 1,006,085	5,165,433	D 298	D 5.134	1,531
58. News Agents	197	D 51,045	437,439	D 259	D 8.570	2,221
59. Floating Equipment Employees	746	2,424,021	1,311,924	3,249	0.541	1,759
60. Sleeping and Parlour Car Inspectors and Conductors	283	D 90,830	732,260	D 321	D 8.062	2,587
61. Sleeping and Parlour Car Porters	1,506	D 458,906	2,333,270	D 305	D 5.084	1,549
62. Drawbridge Operators	99	259,571	192,895	2,622	0.743	1,948
63. Signalmen or Watchmen at Crossings, non-interlocked	562	1,459,189	826,023	2,596	0.566	1,470
64. Yardmasters and Assistants	669	D 211,645	2,205,235	D 316	D 10.419	3,296
65. Switch Tenders	407	D 134,463	822,716	D 330	D 6.119	2,021
66. Hostlers	634	D 216,317	1,490,713	D 341	D 6.891	2,351
67. Road Passenger Conductors	1,205	3,155,513	4,594,359	2,619	1.456	3,813
68. Road Freight Conductors	2,271	6,441,740	7,371,353	2,837	1.237	3,510
69. Road Passenger Brakemen, Baggagemen and Flagmen	1,989	4,752,315	5,504,827	2,389	1.158	2,768
70. Road Freight Brakemen and Flagmen	5,663	14,803,483	15,248,331	2,614	1.030	2,693
71. Yard Conductors and Yard Foremen	1,696	4,668,883	4,826,809	2,753	1.034	2,846
72. Yard Brakemen and Helpers	3,580	9,775,737	9,480,378	2,731	0.970	2,648
73. Road Passenger Engineers and Motormen	1,078	2,482,901	4,367,652	2,303	1.880	4,330
74. Road Freight Engineers and Motormen	3,291	9,079,991	12,837,598	2,759	1.414	3,901
75. Yard Engineers and Motormen	1,800	4,642,346	4,695,151	3,095	1.054	3,263
76. Road Passenger Firemen and Helpers	1,054	2,336,101	3,603,594	2,216	1.543	3,419
77. Road Freight Firemen and Helpers	3,588	9,114,927	10,067,160	2,540	1.104	2,806
78. Yard Firemen and Helpers	1,513	4,589,227	3,944,280	3,033	0.859	2,607
Total ..... (Hourly basis)	47,043	122,853,851	124,739,872	2,612	1.015	2,651
(Daily basis)	8,929	D 2,760,063	17,522,881	D 309	D 6.349	1,962
Total	55,972	-	142,262,753	-	-	2,542
79. Express Department	3,937	D 1,161,785	7,400,202	D 303	D 6.370	1,929
80. Communication Department	6,882	16,270,173	12,063,331	2,364	0.741	1,753
81. Employees Employed in Outside Operations	6,219	16,015,035	9,013,473	2,575	0.563	1,449
GRAND TOTAL .... (Hourly basis)	139,929	347,389,449	284,701,079	2,485	0.819	2,035
(Daily basis)	40,674	D 12,530,769	87,113,300	D 308	D 6.952	2,142
Total 1945 (2)	180,603	-	371,814,379	-	-	2,059
82. Total number of Female Employees (monthly average)	13,640	-	-	-	-	-
83. Total pay roll charged to operating expenses	-	-	339,048,197	-	-	-
84. Pullman, Bridge and Tunnel Companies (Hourly basis)	88	253,337	152,112	2,879	0.600	1,729
(Daily basis)	130	D 47,578	291,799	D 366	D 6.133	2,245
Total	218	-	443,911	-	-	2,036

(1) Average of counts made each month.

(2) Includes $8,790,171 for employees domiciled outside of Canada.

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Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1946

OTTAWA
1947

Price 10 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL
Chief, Transportation and Public Utilities Branch, G.S.Wrong

20-1110

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1 9 4 6

Canadian railways earned $718,~~971,760~~ 501,764 during 1946. This was a decrease of $56,469,596 from revenues of 1945 and of $78,135,022 from the peak 1944 revenues. Operating expenses were reduced from 1945 by only $7,968,090 to a total of $623,529,472, and consequently net operating revenues were reduced from $143,473,798 to $94,972,292. Taxes were down from $50,777,455 to $24,500,296, the largest decrease being in the income tax of the Canadian Pacific Railway, and net hire of equipment and joint facilities rent increased from $10,367,297 to $10,870,568. Non operating income decreased by $2,372,394 and interest on funded and unfunded debt by $2,716,067. All other non operating expenses were reduced by $5,655,166 and the net corporate income was reduced from $51,941,093 in 1945 to $13,212,314. Dividends amounting to $22,407,922 were paid, as compared with $22,577,695 in 1945. Sinking fund reserves appropriations amounted to $51,287 and miscellaneous appropriations were $135,574 as against $1,028,333 in the previous year. The Canadian National System earned cash surpluses during the five previous years which were applied to reduce the loans from the Dominion Government for capital purposes, but in 1946 the system reported a cash deficit of $8,961,570; these deficits are met by direct payment by the Dominion Government. Other debits brought the deficit of the system to $9,417,954 for the year.

During the war years the railways were unable to secure labour and materials in sufficient quantities to maintain the plant and through charges to operating expenses created deferred maintenance reserves, which at the close of 1945 amounted to $66,689,347. During 1946 the Algoma Central and Hudson Bay Railway eliminated its reserve, the Canadian National System credited its reserve with $6,000,000 and the total was reduced by $6,893,546. Total depreciation reserves were increased from $387,544,008 to $426,271,981 or by 10 per cent, insurance reserves were increased by $610,940 and other reserves were reduced, bringing the total to $523,764,052 as against $493,963,692 in 1945.

There was little change in the miles of railroad during the year, the net result being a reduction of 7.3 miles.

Revenue ton miles at 55,310,307,842 declined by 12.7 per cent from 1945 traffic and revenue freight train miles were reduced by 3.6 per cent. The number of passengers carried declined from 53,407,845 to 43,405,177 or by 18.7 per cent, passenger miles declined by 27.1 per cent, revenue passenger train miles were reduced by 2.9 per cent and passenger train car miles by 7.1 per cent. These reductions in traffic and consequently in revenues, without corresponding reductions in train miles and with the necessary expenses, are factors in the reduced net income of the railways. Some reductions are possible in freight service when traffic declines, and to a lesser extent in passenger service but not on a pro rata rate. The ratio of empty freight car miles to loaded freight car miles was 44.3 per cent as compared with 46.0 per cent in 1945 and 48.1 per cent in 1939. This indicates a better balance in freight movement and, of course, the ratio is affected also by the efficiency of car distribution.

The number of employees, including those in the express and communication departments and in outside operations, declined from 180,603 to 180,383, but the pay roll increased to $396,856,901 from $371,814,379 or by 6.7 per cent. The number of employees was based on counts made each month, and consequently is approximately the number of full-time positions and not the count of all persons on the pay roll. By this method employees working only half a year would be counted as half an employee. The pay roll, however, is the total amount paid, exclusive of commissions to some express and telegraph employees.

The average yearly wages paid in each class was calculated by dividing the total wages paid for the class by the average of the counts of employees made each month. The counts were made four times each month on some railways for classes that fluctuated considerably and only once a month for other employees. The daily and hourly averages were computed by dividing the total wages by the total time worke and consequently are true weighted averages.

The average wage for the general and miscellaneous group increased from $2,155 per year to $2,3 or by 7.2 per cent, executives, general officers and assistants increasing from $7,188 to $7,896 or by 9.9 per cent. Wages of the maintenance and structures group increased from $1,587 to $1,724 or by 8.6 per cent and for the maintenance of equipment group from $1,966 to $2,084 or by 6 per cent, and the total pay roll for this group increased by $6,695,871 or 8 per cent.

Pay roll for the transportation group increased by $7,069,099 or by 4.3 per cent and the yearly average per employee increased from $2,542 to $2,674 or by 5.2 per cent. The highest average in this grou was $4,656 for road passenger engineers. The average time worked by this class was longer by 3.2 per cent

and the average rate per hour increased from $1.880 to $1.959 or by 4.2 per cent

Only 2 passengers were killed in train accidents during the year, which was the best record since 1939 when only 1 was killed. In the following, corresponding data for 1945 are shown in brackets. The number of passengers injured was 349 (360). There were 90 (71) employees killed, of which 51 (34) were trainmen, and 2,844 (2,665) employees were injured, including 2,465 (2,413) trainmen. Also 89 (102) trespassers and 123 (129) other persons were killed; 24 (12) postal, express and pullman employees were injured, in addition to 94 (102) trespassers and 469 (471) other persons, making a total of 304 (312) persons killed and 3,780 (3,610) persons injured in train accidents, exclusive of 7 (12) suicides and 1 (nil) attempted suicide. Other persons include almost exclusively motorists and pedestrians at highway crossings. Accidents at highway crossings resulted in the death of 19 (25) persons at protected crossings and 94 (96) at unprotected crossings, making the total 113 (121) for the year. The majority of these were motorists, 19 (22) being killed at urban crossings and 75 (79) at rural crossings. The presons injured in train accidents at highway crossings included trainmen and passengers 32 (27), pedestrians 13 (12), motorists 377 (413) and persons riding in other vehicles 20 (18), making a total of 442 (470) of which 142 (196) were injured at urban crossings and 300 (274) at rural crossings.

In addition to train accidents there were non-train accidents, such as those resulting from the handling of materials, in shops, etc. From these 25 (42) persons were killed and 8,858 (10,741) were injured. These totals included 15 (27) employees killed and 8,562 (10,482) injured.

As a measure of the seriousness of injuries to employees, the days absent from duty because of accidents are compiled. For 1946 the total was 294,258 (351,667) days, all classes showing improvement except switch tenders who lost 1,381 (1,085) days, and telegraph employees with 3,843 (1,848) days lost.

TABLE 1. INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipme and Rent of Joint Facilitie
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	5,418,245	4,789,826	628,419	36,004	91,642
2.	Alma and Jonquieres	213,524	146,534	66,990	24,252	21,637
3.	British Yukon	330,177	246,530	83,647	6,435	-
4.	Canada and Gulf Terminal	294,632	179,927	114,705	26,826	16,958
5.	Canada Southern (Lessee N.Y.C.)	20,498,378	16,663,344	3,835,034	982,506	2,368,812
5a.	Canada Southern (Lessor)	-	-	-	44,545	-
6.	Canadian National	351,701,203	310,311,372	41,389,831	4,119,008	1,897,767
7.	Canadian Pacific	294,545,601	254,775,514	39,770,087	16,877,264	2,049,773
8.	Central Vermont	330,722	275,507	55,215	426	23,930
9.	Cumberland	175,112	182,792	Dr. 7,680	2,786	5,495
10.	Essex Terminal	477,567	344,824	132,743	45,193	24,382
11.	Great Northern	1,003,707	1,349,346	Dr.345,639	171,736	Cr. 78,553
12.	Greater Winnipeg Water District	59,061	102,565	Dr. 43,504	-	1,815
13.	Hudson Bay	466,827	776,026	Dr.309,199	3,531	132,271
14.	Maine Central	23,768	22,709	1,059	Cr. 338	366
15.	Maritime Coal, Railway and Power	159,831	97,606	62,225	17,010	14,121
16.	Midland Railway of Manitoba	540,745	558,940	Dr. 18,195	36,079	138,664
17.	Morrissey, Fernie and Michel	69,968	66,871	3,097	390	-
18.	Napierville Junction	1,063,757	581,632	482,125	177,031	174,202
19.	Northern Alberta	5,340,411	4,228,444	1,111,967	75,721	537,645
20.	Ontario Northland (formerly T. & N.O.)	8,920,173	6,696,681	2,223,492	2,637	522,861
21.	Ottawa and New York	198,592	380,718	Dr.182,126	28,044	29,574
22.	Pacific Great Eastern	1,210,160	1,169,018	41,142	3,828	31,608
23.	Pere Marquette	8,212,473	5,246,128	2,966,345	787,642	1,331,722
24.	Quebec Railway, Light & Power	889,744	740,980	148,764	17,171	24,875
25.	Roberval and Saguenay	1,465,387	614,306	851,081	345,776	68,066
26.	St. Lawrence and Adirondack	860,447	1,032,979	Dr.172,532	30,489	205,692
27.	Sydney and Louisburg	1,229,161	1,256,218	Dr. 27,057	6,801	463,757
28.	Temiscouata	393,373	363,071	30,302	5,089	19,759
29.	Thousand Islands	58,427	52,297	6,130	376	-
30.	Toronto, Hamilton and Buffalo	3,860,516	2,618,334	1,242,182	401,887	63,840
31.	Toronto Terminals	877,011	1,594,199	Dr.717,188	216,211	-
32.	Wabash (in Canada)	7,613,064	6,064,234	1,548,830	7,940	687,887
33.	Total - 1946	718,501,764	623,529,472	94,972,292	⁄24,500,296	10,870,568
34.	Total - 1945	774,971,360	631,497,562	143,473,798	⁄30,777,455	10,367,297
35.	Canadian National (Canada & U.S.)	400,586,026	357,236,718	43,349,308	7,122,248	4,668,113

⁄ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $19,048 in 1946, a $15,244 in 1945, which are classified as "Rent for Leased Roads" of the Pere Marquette Railway and are incl in "All Other Non-Operating Expenses".

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Net Operating Income	Non-operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	500,773	810,069	1,310,842	515,425	193,528	708,953	601,889
2.	21,101	6,810	27,911	-	-	-	27,911
3.	77,212	54,664	131,876	111,222	6,540	117,762	14,114
4.	70,921	8,063	78,984	57,000	-	57,000	21,984
5.	483,716	85,652	569,368	3,124	1,913,003	1,916,127	Dr.1,346,759
5a.	Dr.44,545	2,055,115	2,010,570	1,463,293	2,309	1,465,602	544,968
6.	35,373,056	3,154,847	38,527,903	x 44,816,789	3,129,968	47,945,857	Dr.9,417,954
7.	20,843,050	23,058,085	43,901,135	14,211,417	4,554,987	18,766,404	25,134,731
8.	30,859	7,624	38,483	35,075	880	35,955	2,528
9.	Dr.15,961	-	Dr. 15,961	-	-	-	Dr. 15,961
10.	63,168	15,037	78,205	13,800	1,056	14,856	63,349
11.	Dr.438,822	138,815	Dr. 300,007	147,386	64,293	211,679	Dr. 511,686
12.	Dr. 45,319	-	Dr. 45,319	-	-	-	Dr. 45,319
13.	Dr.445,001	130	Dr. 444,871	-	-	-	Dr. 444,871
14.	1,031	-	1,031	-	-	-	1,031
15.	31,094	4,391	35,485	-	-	-	35,485
16.	Dr.192,938	11,585	Dr. 181,353	-	15,598	15,598	Dr. 196,951
17.	2,707	2,144	4,851	-	-	-	4,851
18.	130,892	60,205	191,097	5	52,279	52,284	138,813
19.	498,601	1,051,568	1,550,169	1,576,500	170	1,576,670	Dr. 26,501
20.	1,697,994	3,850	1,701,844	201,030	195	201,225	1,500,619
21.	Dr.239,744	Dr. 1,087	Dr.240,831	14	1,057	1,071	Dr. 241,902
22.	5,706	15,025	20,731	4,235,475	21,749	4,257,224	Dr.4,236,493
23.	846,981	14,170	861,151	126,055	110,941	236,996	624,155
24.	106,718	13,733	120,451	-	-	-	120,451
25.	437,239	3,880	441,119	93,100	102	93,202	347,917
26.	Dr.408,713	3,440	Dr.405,273	49,000	10,200	59,200	Dr. 464,473
27.	Dr.497,615	-	Dr.497,615	-	-	-	Dr. 497,615
28.	5,454	4,367	9,821	-	-	-	9,821
29.	5,754	875	6,629	-	-	-	6,629
30.	776,455	111,126	887,581	143,265	139,766	283,031	604,550
31.	Dr.933,399	2,285,411	1,352,012	1,323,489	28,523	1,352,012	-
32.	853,003	-	853,003	-	-	-	853,003
33.	59,601,428	32,979,594	92,581,022	69,122,464	10,246,244	79,368,708	13,212,314
34.	102,329,046	35,351,988	137,681,034	71,838,531	13,901,410	85,739,941	51,941,093
35.	31,558,948	7,483,573	39,042,521	45,172,194	3,315,859	48,488,053	Dr.9,445,532

x - Includes interest on $701,765,305 Dominion Government Loans, $21,322,583.

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage Non-rever Trair
		At December 31 X	Average during Year ≠	ø	ø	ø	ø
1.	Algoma Central and Hudson Bay	320.8	321.8	867,825	-	867,825	25,
2.	Alma and Jonquieres	10.6	10.6	21,637	-	21,637	-
3.	British Yukon	90.3	90.3	32,220	3,510	35,730	
4.	Canada and Gulf Terminal	38.1	36.0	19,060	48,880	67,940	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	1,523,525	1,582,779	3,106,304	64
6.	Canadian National	21,5[illegible]2.3	21,741.3	37,168,712	21,716,915	58,885,627	1,509
7.	Canadian Pacific	16,601.6	17,036.9	33,683,991	20,230,251	53,914,242	758
8.	Central Vermont	25.3	25.3	20,784	36,312	57,096	
9.	Cumberland	31.3	31.3	29,301	-	29,301	
10.	Essex Terminal	21.3	21.3	15,740	-	15,740	
11.	Great Northern	140.7	147.7	71,883	70,158	142,041	2
12.	Greater Winnipeg Water District	92.0	92.0	-	3,217	3,217	
13.	Hudson Bay	510.1	510.1	106,182	4,136	110,318	13
13a.	International Bridge and Terminal	1.1	1.1	-	-	-	
14.	Maine Central	5.1	5.1	3,573	-	3,573	
15.	Maritime Coal, Railway and Power	12.2	12.2	18,930	2,376	21,306	
16.	Midland Railway of Manitoba	5.7	75.5	49,078	98,636	147,714	
17.	Morrissey, Fernie and Michel	5.0	5.0	8,432	914	9,346	6
18.	Napierville Junction	27.1	41.7	57,648	91,198	148,846	1
19.	Northern Alberta	922.7	927.6	681,034	378,423	1,059,457	37
20.	Ontario Northland	574.3	574.3	931,747	592,455	1,524,202	30
21.	Ottawa and New York	57.3	58.0	32,155	36,698	68,853	
22.	Pacific Great Eastern	347.8	347.0	150,701	78,892	229,593	30
23.	Pere Marquette	198.8	318.9	841,463	-	841,463	1
24.	Quebec Railway, Light & Power	25.4	25.4	32,515	328,714	361,229	
25.	Roberval and Saguenay	29.0	29.0	70,090	-	70,090	
26.	St. Lawrence and Adirondack	46.5	60.9	64,899	120,320	185,219	
27.	Sydney and Louisburg	70.3	70.3	121,662	42,979	164,641	
28.	Temiscouata	101.1	112.8	50,993	56,403	107,396	
29.	Thousand Islands	4.5	4.5	3,776	14,500	18,276	
30.	Toronto, Hamilton and Buffalo	103.6	111.0	165,239	162,190	327,429	
31.	Toronto Terminals	3.2	3.2	-	-	-	
31a.	Van Buren Bridge	0.3	0.3	-	-	-	
32.	Wabash (in Canada)	-	245.4	950,168	-	950,168	
33.	Total - 1946	42,3[illegible]5.1	42,346.6	77,794,963	45,700,856	123,495,819	2,50
34.	Total - 1945	42,352.4	42,366.5	80,712,589	47,067,607	127,780,196	2,85
35.	Canadian National (Canada and U.S.)	23,173.2	23,437.1	41,817,432	23,581,125	65,398,557	1,58

X - Track operated under trackage rights excluded.

≠ - Track operated under trackage rights included for each railway but excluded from total

ø - Includes mileage of both locomotive and motor unit drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles 1/
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,424,323	378,661,492	63,455	4,852,050	9,390,141	6,271,018	724,078	3/ 16,965,282	501,051
2.	341,541	3,756,951	1,370	15,070	122,692	82,654	-	205,346	6,523
3.	22,904	2,018,553	7,547	615,945	155,008	110,163	-	265,171	95,128
4.	173,057	4,321,021	62,243	1,312,247	237,541	81,681	19,060	338,282	94,415
5.	9,213,925	1,351,416,172	1,480,351	234,422,899	61,647,786	34,968,698	1,525,492	98,141,466	19,302,420
6.	66,010,011	26,966,941,000	20,829,833	2,103,111,000	998,080,962	415,583,921	38,906,439	1,452,571,322	199,721,611
7.	51,400,892	23,547,893,000	15,583,990	2,126,066,000	830,493,829	385,881,168	36,928,104	1,253,303,101	182,141,814
8.	1,064,137	25,357,357	185,249	4,375,628	936,755	319,788	21,102	1,277,645	333,446
9.	516,606	3,177,634	2,273	36,297	48,015	48,015	5,942	101,972	25,162
10.	950,631	4,753,150	-	-	194,390	145,125	22,000	361,515	-
11.	660,537	21,475,704	139,342	4,651,518	791,318	560,940	69,066	1,421,324	422,310
12.	123,032	-	10,367	545,025	-	-	-	-	24,396
13.	80,160	30,576,000	13,663	2,368,000	1,284,832	897,741	129,374	2,311,947	395,895
13a.	-	-	-	-	-	-	-	-	-
14.	270,604	1,380,080	78	398	39,595	31,540	1,299	72,454	2,324
15.	265,997	2,660,439	12,024	87,891	81,033	65,645	-	146,678	2,376
16.	190,762	13,358,394	77,470	4,277,884	692,219	474,958	49,444	1,216,621	649,316
17.	278,567	1,384,478	190,400	761,600	27,440	27,440	-	54,880	18,322
18.	2,886,130	77,695,770	298,165	11,390,404	1,756,156	1,264,984	57,972	3,079,112	730,951
19.	974,713	262,343,910	235,832	28,250,161	11,276,136	5,347,839	636,881	17,260,856	3,035,546
20.	2,430,167	492,801,000	522,188	58,575,000	19,101,598	8,985,083	934,747	29,021,428	4,757,953
21.	184,026	8,168,366	52,020	1,408,362	241,581	219,947	32,273	493,801	106,338
22.	176,238	35,277,487	46,791	3,719,212	1,539,909	991,624	109,494	2,641,027	615,516
23.	4,988,684	874,933,105	333	8,902	32,804,081	14,360,153	861,580	48,025,814	75,956
24.	466,391	9,398,442	2,527,805	25,837,312	338,496	235,680	31,789	605,965	741,048
25.	1,744,975	33,835,013	120	2,200	704,156	619,502	48,291	1,371,749	14,157
26.	1,164,547	32,827,476	500,171	10,254,607	1,050,333	928,330	64,942	2,043,605	627,702
27.	3,268,777	42,861,895	18,284	296,419	975,224	967,183	92,146	2,034,553	149,598
28.	202,223	6,872,117	39,737	1,193,235	295,710	177,722	38,674	512,106	198,394
29.	2/	194,101	9,806	44,225	10,695	5,110	-	15,805	14,512
30.	3,723,259	139,599,224	564,270	20,088,168	3,864,997	1,758,392	163,175	5,786,564	1,037,780
31.	-	-	-	-	-	-	-	-	-
31a.	-	-	-	-	-	-	-	-	-
32.	4,418,846	934,370,511	2/	2/	36,459,915	11,607,816	921,717	48,989,448	59,241
33.	4/~~160,496,830~~ 139,256,125	55,310,307,842	43,405,177	4,648,557,549	2,014,642,043	893,019,651	82,395,081	2,990,636,819	415,890,589
34.	4/147,348,566	63,349,094,918	53,407,845	6,380,154,949	2,107,797,769	1,011,428,064	86,200,998	3,206,225,415	1/447,822,527
35.	78,950,008	30,811,920,078	22,320,490	2,289,022,337	1,140,575,262	477,263,312	42,461,248	5/1,664,698,452	216,804,141

1/ Includes Motor Unit Car Miles - 1,496,324 miles as motive power and 9,581 miles in locomotive drawn trains.

2/ Included in Canadian National Railways

3/ Includes 580,444 miles in Non-revenue Service.

4/ Duplications excluded.

5/ Includes 4,598,650 miles in Non-revenue Service.

TABLE 3. EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries & Wages: Per Hour (D - Days)	Salaries & Wages: Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	554	D 167,708	4,374,312	D 303	D 26.083	7,896
2.	Division Officers	1,052	D 336,126	4,352,246	D 320	D 12.948	4,137
3.	Assistant Engineers and Draftsmen	735	D 226,390	1,993,167	D 308	D 8.804	2,718
4.	Other Miscellaneous Officials	1,323	D 401,493	4,637,474	D 303	D 11.551	3,505
5.	Clerks	18,710	D 5,765,169	38,967,836	D 308	D 6.759	2,083
6.	Telephone Switchboard Operators	237	D 70,994	362,616	D 300	D 5.108	1,530
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,737	D 528,928	2,428,172	D 305	D 4.591	1,398
8.	Janitors and Cleaners	995	D 302,482	1,442,709	D 304	D 4.770	1,450
	Total ..... (Daily basis)	25,343	D 7,799,290	58,558,532	D 308	D 7.508	2,311
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	540	D 169,825	1,324,658	D 314	D 7.800	2,453
10.	Carpenters and Bridgemen	2,478	5,944,162	4,968,250	2,399	0.836	2,005
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	345	850,836	837,884	2,466	0.985	2,429
12.	Masons, Bricklayers, Plasterers and Painters	446	1,062,258	911,082	2,382	0.858	2,043
13.	Helpers, B.and B. Department	356	845,715	613,374	2,376	0.725	1,723
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	525	1,520,712	1,427,601	2,897	0.939	2,719
16.	Pumpmen	395	1,081,442	778,658	2,738	0.720	1,971
17.	Extra Gang and Snow Plough Foremen	439	1,088,933	1,096,194	2,480	1.007	2,497
18.	Signal Foremen	52	D 16,168	173,989	D 311	D 10.761	3,346
19.	Section Foremen	5,970	15,468,260	12,852,644	2,591	0.831	2,153
20.	Sectionmen	17,507	42,128,407	28,302,891	2,406	0.672	1,617
21.	Labourers	8,267	19,465,804	10,549,474	2,355	0.542	1,276
22.	Foremen, Linemen	49	D 16,033	143,372	D 327	D 8.942	2,926
23.	Telegraph and Telephone Linemen and Groundmen	97	203,201	174,787	2,095	0.860	1,802
24.	Signal and Interlocker Maintainers and Repairmen	747	1,956,073	1,723,713	2,619	0.881	2,308
	Total ..... (Daily basis)	641	D 202,026	1,642,019	D 315	D 8.128	2,562
	(Hourly basis)	37,572	91,615,803	64,236,552	2,438	0.701	1,710
	Total	38,213	-	65,878,571	-	-	1,724
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	67	D 21,429	251,292	D 320	D 11.727	3,751
26.	Department and Gang Foremen	2,533	D 810,258	7,635,133	D 320	D 9.423	3,014
27.	Blacksmiths	713	1,648,021	1,696,402	2,311	1.029	2,379
28.	Boilermakers	1,377	3,214,826	3,360,153	2,335	1.045	2,440
29.	Carmen (A)	2,264	5,081,037	5,272,461	2,244	1.038	2,329
30.	Carmen (B)	537	1,181,882	1,231,765	2,201	1.042	2,294
31.	Carmen (C)	6,484	15,633,512	15,119,393	2,411	0.967	2,332
32.	Carmen (D)	188	414,802	403,893	2,206	0.974	2,148
33.	Electrical Workers	1,049	2,532,605	2,517,506	2,414	0.994	2,400
34.	Machinists	5,050	11,663,155	12,077,291	2,310	1.036	2,392
35.	Moulders	118	265,477	285,294	2,250	1.075	2,418
36.	Pipe Fitters and Sheet Metal Workers	1,278	2,838,909	2,972,450	2,221	1.047	2,326
37.	Helpers to Mechanics	8,848	20,668,206	16,689,040	2,336	0.807	1,886
		41	79,398	63,738	1,937	0.803	1,555

40. Car Cleaners	1,901	4,618,071	3,065,736	2,429	0.664	1,613
41. Other Unskilled Employees	4,570	11,026,093	7,412,240	2,413	0.672	1,622
42. Unclassified Labourers	3,086	7,054,547	4,550,067	2,286	0.645	1,475
43. Stationary Engineers, Firemen and Oilers	915	2,314,388	1,857,965	2,529	0.803	2,031
Total ..... (Daily basis)	2,600	D 831,687	7,886,425	D 320	D 9.482	3,033
(Hourly basis)	40,723	95,281,154	82,398,797	2,340	0.865	2,023
Total	43,323	-	90,285,222	-	-	2,084
TRANSPORTATION						
44. Inspectors and Sergeants of Police	206	D 64,791	604,326	D 315	D 9.327	2,934
45. Constables and Policemen	860	D 275,056	1,911,491	D 320	D 6.949	2,223
46. Storekeepers	247	D 76,070	647,205	D 308	D 8.508	2,620
47. Storemen	2,072	4,704,627	3,509,343	2,271	0.746	1,694
48. Train Despatchers and Traffic Supervisors	620	1,550,437	2,293,646	2,501	1.479	3,699
49. Supervisory Agents and Assistants	548	1,393,477	1,592,777	2,543	1.143	2,907
50. Station Agents, Non-telegraphers (small station)	138	350,250	216,887	2,538	0.619	1,572
51. Station Agents, Telegraphers and Telephoners	5,727	14,883,154	14,350,180	2,599	0.964	2,506
52. Signalmen (Non-telegraphers) at Interlockers	257	636,363	516,218	2,476	0.811	2,009
53. Foremen in Freight Sheds	578	1,424,688	1,335,901	2,465	0.938	2,311
54. Freight Handlers and other Station Employees	6,690	16,197,163	12,187,608	2,421	0.752	1,822
55. Labourers	1,136	2,780,302	1,899,808	2,447	0.683	1,672
56. Dining Car and Restaurant Inspectors, Conductors & Stewards	443	D 152,447	1,161,511	D 344	D 7.619	2,622
57. Dining Car and Restaurant Helpers and Attendants	2,863	D 966,872	4,782,902	D 338	D 4.947	1,671
58. News Agents	210	D 58,709	406,780	D 280	D 6.929	1,937
59. Floating Equipment Employees	794	2,303,797	1,478,750	2,902	0.642	1,862
60. Sleeping and Parlour Car Inspectors and Conductors	272	D 95,386	751,710	D 351	D 7.881	2,764
61. Sleeping and Parlour Car Porters	1,373	D 493,570	2,348,105	D 359	D 4.757	1,710
62. Drawbridge Operators	102	262,066	221,363	2,569	0.845	2,170
63. Signalmen or Watchmen at Crossings, non-interlocked	574	1,464,778	921,601	2,552	0.629	1,606
64. Yardmasters and Assistants	677	D 210,823	2,296,669	D 311	D 10.894	3,392
65. Switch Tenders	400	D 133,517	885,556	D 334	D 6.633	2,214
66. Hostlers	644	D 212,003	1,558,180	D 329	D 7.350	2,420
67. Road Passenger Conductors	854	2,229,067	3,319,211	2,673	1.489	3,980
68. Road Freight Conductors	2,544	7,409,934	9,471,946	2,913	1.278	3,725
69. Road Passenger Brakemen, Baggagemen and Flagmen	1,841	4,903,602	5,680,968	2,664	1.159	3,086
70. Road Freight Brakemen and Flagmen	5,826	15,080,580	16,069,394	2,538	1.066	2,758
71. Yard Conductors and Yard Foremen	1,697	4,644,176	5,127,802	2,737	1.104	3,022
72. Yard Brakemen and Helpers	3,678	9,760,736	10,119,050	2,654	1.037	2,751
73. Road Passenger Engineers and Motormen	1,014	2,409,793	4,721,604	2,377	1.959	4,656
74. Road Freight Engineers and Motormen	3,441	9,157,785	13,264,572	2,661	1.448	3,855
75. Yard Engineers and Motormen	1,457	4,600,977	5,224,816	3,158	1.136	3,586
76. Road Passenger Firemen and Helpers	983	2,337,730	3,719,386	2,378	1.591	3,784
77. Road Freight Firemen and Helpers	3,630	9,135,205	10,479,039	2,517	1.147	2,887
78. Yard Firemen and Helpers	1,471	4,568,790	4,255,567	3,106	0.931	2,893
Total ..... (Daily basis)	8,195	D 2,739,244	17,354,415	D 334	D 6.335	2,118
(Hourly basis)	47,652	124,189,507	131,977,437	2,606	1.063	2,770
Total	55,847	-	149,331,852	-	-	2,674
79. Express Department	3,957	D 1,250,068	8,421,796	D 316	D 6.737	2,128
80. Communication Department	7,130	17,016,883	13,429,253	2,387	0.789	1,883
81. Employees Engaged in Outside Operations	6,570	16,269,105	10,951,675	2,476	0.673	1,667
GRAND TOTAL .... (Daily basis)	40,736	D 12,822,315	93,863,187	D 315	D 7.320	2,304
(Hourly basis)	139,647	344,372,452	302,993,714	2,466	0.880	2,170
Total 1946 (2)	180,383	-	396,856,901	-	-	2,200
82. Total number of Female Employees (monthly average)	11,263	-	-	-	-	-
83. Total pay roll charged to operating expenses	-	-	360,442,472	-	-	-
84. Pullman, Bridge and Tunnel Companies (Daily basis)	141	D 51,502	386,028	D 365	D 7.495	2,738
(Hourly basis)	90	258,090	181,304	2,868	0.702	2,014
Total	231	-	567,332	-	-	2,456

(1) Average of counts made each month.

(2) Includes $6,342,092 for employees domiciled outside of Canada.

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Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION DIVISION

DEPT. OF
POLITICAL ECONOMY

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1947

OTTAWA
1948

Price 10 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES DIVISION
OTTAWA

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PRELIMINARY REPORT ON STATISTICS OF STEAM RAILWAYS 1947

Earnings of Canadian railways during 1947 rebounded to $785,177,920, an increase of $66,676,156 or 9.3 p.c. over the preceding year. This total is second only to the peak of $796,636,786 recorded in 1944. Operating expenses, however, rose more rapidly advancing from $623,529,472 in 1946 to a new high of $690,821,048 or by $67,291,575, up 10.8 p.c., and compare with $634,774,021 in 1944. Thus expenses have risen some $56,000,000 over 1944 while earnings declined $11,736,645. The difference between operating revenues and expenses shows net revenues of $94,356,873 earned in 1947 against $94,972,292 in 1946 and $161,862,765 in 1944, indicating that the railways retained considerably less of each dollar earned with which to pay interest, taxes, dividends and other expenses. Moreover, taxes rose from $24,500,296 in 1946 to $26,342,165 in 1947, up 7.5 p.c., while hire of equipment and joint facilities rent increased from $10,870,568 to $15,385,257. Considerable of this item accrued to United States lines for freight car rentals. Non-operating income improved $7,449,143 to $40,397,079 and interest payments were some $3 million lighter at $86,106,580. Dividends distributed, principally Canadian Pacific, were about $22,500,000 compared with $22,407,922 in 1946. The Canadian Pacific reported non-operating income of over $25,000,000. Cash deficits of the Canadian National totalled $16,683,179, and include interest payments of $20,002,435 on Dominion Government loans. The total interest burden of the system was $44,120,207, including U. S. lines. Sixteen of the 32 railways operating in Canada reported favourable net results during 1947 with total credits of some $41,811,000, while the balance of the roads had debits of $23,662,000. Consequently, the net corporate income of all lines stood at $18,149,697, an improvement of $4,937,383 over 1946. American lines operating in Canada had credits of $6,401,210 in 1947 against debits of $457,585 or a net of $5,943,625. The United States lines of the Canadian National produced a net income of $88,045 during the year, due mainly to higher freight rates in effect across the border.

Mileage of single track operated declined 13 miles as at December 31st compared with one year earlier and extended 42,322 miles. The decrease was mainly in Alberta.

Part of the deferred maintenance and construction work planned for 1947 was carried out but scarcities of materials and rising prices exerted a restraining pressure. Deferred maintenance reserves which had been $59,795,801 at the end of 1946 declined to $52,940,770. Total reserves, including depreciation, amounted to $558,495,621 at the end of 1947 against $523,764,052 one year earlier. Total revenue train mileage increased from 123,495,819 miles in 1946 to 127,745,290 in the year under review. Freight train revenue mileage rose by nearly 4,583,000 miles to 82,377,565 miles while passenger service at 45,367,725 registered a minor decline of 333,131 miles from 1946. Revenue freight tonnage up 9.9 p.c., advanced to 152,855,820 tons moving 60,143,053,000

ton miles compared with 139,256,125 tons moved 55,710,308,000 ton miles in the preceding year. The number of passengers continued to decline from the war-time peaks and totalled 40,941,387 against 43,408,177 in 1946, down over 6 p.c. The average length of journey also decreased. The reduction in revenue passenger train miles was not commensurate with the decline in the volume of traffic and the ratio of operating expenses consequently increased.

A more efficient use of available rolling stock is reflected in the ratio of loaded freight car miles to empty freight car miles, the ratio having been 2.307 to 1 during 1947 against 2.256 one year earlier.

The number of railway employees, including those in express and communication departments and outside operations, rose from 180,383 to 184,415 or by 2.2 p.c., while salaries and wages advanced from $396,856,901 to $429,843,142 or by 8.3 p.c. over 1946. The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not the count of all persons whose names appeared on the pay roll during the year. Thus an employee working only half a year is counted as half an employee. The total pay roll, however, is the total money paid, exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies and services supplied to employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger systems four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

The average salary or wages received by the 184,415 employees ranging from executive to apprentice was $2,331 in 1947 against $2,200 one year earlier, an average increase of $131 or 6 p.c., and compares very favourably with the average wage paid by any industry in Canada. Responding to the impact of peace, the average number of female employees declined from 11,263 in 1946 to 10,376.

Average wages paid to the general and miscellaneous group rose from $2,311 to $2,438 in 1947, up 5.5 p.c., while the average days worked declined by 1 to 307 for the year. The number of employees in this group increased by 622, principally in the "clerk" class, to 25,965. Divisional officers increased from an average salary of $4,137 to $4,532, while executives and general officers earned $8,376 compared with $7,896, up 6.1 p.c.

Wages of maintenance of way and structures employees advanced to $69,543,804 from $65,678,571 against a decline in numbers of 450 to 37,763. Average earnings were $1,842 compared with $1,724 in 1946, up 6.8 p.c., while average hours worked increased by 30 during the year.

Maintenance of equipment employees averaged $2,196 in 1947 against $2,084 in the preceding year with hourly rates up about 6 cents. Total pay roll for the group climbed to $98,187,920 compared with $90,285,222, up 8.7 p.c., while the average number of employees rose from 43,323 to 44,718.

The "transportation" employees accounted for 38 p.c. of total pay roll, earning $162,446,582, an increase of 8.8 p.c. or $13,114,730 over the preceding year. Average earnings rose from $2,674 to $2,810, while employees numbered 1,966 more at 57,813. Increases were mainly in the number handling freight while employees in dining car and other passenger classes declined.

The express department was more active with 4,247 employees earning $9,655,273 compared with 3,957 collecting $8,421,796 during 1946. Communications reported 7,380 employees, an increase of 250 with total wages of $14,984,076 against $13,429,253.

Total pay roll charged to operating expenses rose to $391,621,188, up nearly 8.7 p.c. from $360,442,472 so debited in the preceding year.

There were 34 passengers killed in train accidents during the year compared with only 2 in 1946. The Labor Day collision at Dugald, Manitoba, accounted for 30 of these fatalities. Passenger deaths were restricted to three of the thirty-two lines operating. A total of 151 persons met death at railway crossings during 1947 compared with 113 in 1946 and twenty eight of these fatalities occurred at protected crossings, 16 happening in urban areas. The majority were riding in motor vehicles. In addition 345 persons suffered injuries at crossings against 442 one year earlier.

Decided improvement over preceding years is reflected in the number of days employees were absent due to injuries, the total having been 263,470 days during 1947 compared with 294,258 in 1946 and 331,667 days in 1945. Per employee, 1.43 days were lose in 1947 due to injuries.

There were 77 employees killed in accidents resulting from the movement of trains compared with 90 in 1946, and 26 other employees, mostly shopmen and trackmen, met death during 1947 in non-train accidents against 23 in the preceding year. The fatality rate per thousand railway employees thus stood at 0.558 for the year compared with 0.603 in 1946.

Table 1. Income Account for the Year ended December 31, 1947.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	6,532,264	5,812,793	719,471	66,258	36,759
2.	Alma and Jonquière	307,[illegible]	179,433	127,870	39,296	38,925
3.	British Yukon	570,538	529,835	140,703	9,919	-
4.	Burnside and Quill Terminal	327,[illegible]	288,[illegible]	30,591	4,687	23,198
5.	Canada Southern (Lessee N.Y.C.)	25,931,804	17,674,178	8,257,626	1,339,983	2,686,386
5A.	Canada Southern (Lessor)	-	-	-	36,591	-
6.	Canadian National	377,305,095	346,901,766	30,403,329	5,504,975	4,250,811
7.	Canadian Pacific	321,[illegible],099	279,520,795	41,702,304	16,172,935	2,637,180
8.	Central Vermont	203,176	187,705	15,471	1,186	9,731
9.	Cumberland	138,418	166,717	Dr. 28,299	2,655	7,925
10.	Essex Terminal	537,500	374,061	163,439	71,270	12,432
11.	Great Northern	1,[illegible],386	1,587,013	Dr.430,028	215,147	Cr. 80,543
12.	Greater Winnipeg Water District	67,081	126,394	Dr. 59,313	-	3,027
13.	Hudson Bay	997,609	1,027,527	Dr. 29,918	4,143	254,027
14.	Maine Central	26,041	25,300	741	1,408	335
15.	Maritime Coal, Railway and Power	97,942	75,868	22,074	4,291	16,290
16.	Midland Railway of Manitoba	636,754	648,830	Dr. 12,076	41,112	148,404
17.	Morrissey, Fernie and Michel	74,550	66,597	7,953	722	-
18.	Napierville Junction	1,335,480	750,469	585,011	165,373	205,959
19.	Northern Alberta	5,937,742	4,876,958	1,060,784	79,171	759,657
20.	Ontario Northland	9,448,226	7,672,645	1,775,581	4,138	345,847
21.	Ottawa and New York	186,066	393,730	Dr.207,664	35,236	27,327
22.	Pacific Great Eastern	1,506,894	1,530,042	Dr. 23,148	5,381	63,884
23.	Pere Marquette	9,953,958	5,593,583	4,360,375	1,038,553	1,477,426
24.	Quebec Railway, Light and Power	989,276	751,855	237,421	17,378	38,504
25.	Roberval and Saguenay	1,813,551	795,291	1,018,260	321,386	100,874
26.	St. Lawrence and Adirondack	933,936	1,085,543	Dr.151,607	49,693	198,995
27.	Sydney and Louisburg	957,605	1,162,486	Dr.204,881	5,863	369,194
28.	Temiscouata	408,380	382,851	25,529	5,146	23,170
29.	Thousand Islands	55,266	73,073	Dr. 17,807	427	-
30.	Toronto, Hamilton and Buffalo	4,413,075	2,487,330	1,925,745	759,481	Cr. 7,435
31.	Toronto Terminals	876,040	1,680,845	Dr.804,805	239,223	-
32.	Wabash (in Canada)	10,236,789	6,490,648	3,746,141	99,138	1,736,968
33.	Total - 1947	785,177,920	690,821,047	94,356,873	26,342,165	15,385,257
34.	Total - 1946	718,501,764	623,529,472	94,972,292	/24,500,296	10,870,568
35.	Canadian National (Canada and U.S.)	438,197,980	397,122,607	41,075,373	9,887,323	7,477,427

/ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $39,998 in 1947, and $19,048 in 1946, which are classified as "Rents for Leased Roads" of the Pere Marquette Railway and are included in "All Other Non-operating Expenses".

Income Account for the Year ended December 31, 1947

No.	Net Operating Income	Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	616,454	24,036	640,490	538,263	108,212	646,475	Dr. 5,985
2.	49,649	9,264	58,913	-	1,048	1,048	57,865
3.	130,784	1,302	132,086	111,222	121	111,343	20,743
4.	2,706	10,412	13,118	57,000	-	57,000	Dr. 43,882
5.	4,231,257	33,433	4,264,690	1,457	1,947,151	1,948,608	2,316,082
5A.	Dr. 36,591	2,076,869	2,040,278	1,461,750	1,284	1,463,034	577,244
6.	20,647,543	x 9,100,410	29,747,953	*43,775,908	2,655,224	46,431,132	Dr.16,683,179
7.	22,892,189	25,053,046	47,945,235	12,827,440	3,823,853	16,051,293	31,893,942
8.	4,554	32,077	36,631	35,013	1,618	36,631	-
9.	Dr. 38,879	-	Dr. 38,879	-	-	-	Dr. 38,879
10.	79,737	18,277	98,014	13,800	5,621	19,421	78,593
11.	Dr.564,632	140,000	Dr. 424,632	134,009	26,689	160,698	Dr. 585,330
12.	Dr. 62,340	-	Dr. 62,340	-	-	-	Dr. 62,340
13.	Dr.288,088	146	Dr. 287,942	-	-	-	Dr. 287,942
14.	Dr. 1,002	-	Dr. 1,002	-	-	-	Dr. 1,002
15.	1,493	4,760	6,253	-	-	-	6,253
16.	Dr.201,592	17,960	Dr. 183,632	-	8,169	8,169	Dr. 191,801
17.	7,231	-	7,231	-	-	-	7,231
18.	213,679	11,435	225,114	17	5,420	5,437	219,677
19.	221,956	1,343,185	1,565,141	1,578,151	1	1,578,152	Dr. 13,011
20.	1,425,596	395	1,425,991	197,271	280	197,551	1,228,440
21.	Dr.270,227	5,509	Dr. 264,718	9	1,057	1,066	Dr. 265,784
22.	Dr. 92,413	30,149	Dr. 62,264	4,344,465	19,333	4,363,798	Dr.4,426,062
23.	1,844,396	14,451	1,858,847	125,618	135,380	260,998	1,597,849
24.	181,539	6,141	187,680	-	-	-	187,680
25.	596,000	3,490	599,490	93,100	102	93,202	506,288
26.	Dr.400,295	486	Dr. 399,809	48,989	10,200	59,189	Dr. 458,998
27.	Dr.579,938	-	Dr. 579,938	-	-	-	Dr. 579,938
28.	Dr. 2,787	3,948	1,161	-	-	-	1,161
29.	Dr. 18,234	773	Dr. 17,461	-	-	-	Dr. 17,461
30.	1,173,699	108,469	1,282,168	66,049	13,911	79,960	1,202,208
31.	Dr.1,044,028	2,378,314	1,334,286	1,297,049	37,237	1,334,286	-
32.	1,910,035	-	1,910,035	-	-	-	1,910,035
33.	52,629,451	40,428,737	93,058,188	66,106,580	8,801,911	74,908,491	18,149,697
34.	59,601,428	32,979,594	92,581,022	69,122,464	10,246,244	79,368,708	13,212,314
35.	23,710,623	6,734,589	30,445,212	44,120,207	2,920,139	47,040,346	Dr.16,595,134

* Includes interest on $689,470,349 Dominion Government Loans, $20,002,435.
x Includes net operating results U. S. lines.

Table 2. Train Mileage for the Year ended December 31, 1947

	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-Revenue Trains
		At. Dec. 31 *	Average during Year				
1.	Algoma Central and Hudson Bay	320.8	321.8	921,142	-	921,142	43,393
2.	Alma and Jonquieres	10.6	10.6	23,056	-	23,056	-
3.	British Yukon	90.3	90.3	49,172	2,945	52,117	198
4.	Canada and Gulf Terminal	38.1	36.0	22,960	50,781	73,741	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.1	1,684,344	1,614,930	3,299,274	69,181
6.	Canadian National	21,542.8	21,729.6	38,900,869	21,515,326	60,416,195	1,706,324
7.	Canadian Pacific	16,615.6	17,034.7	35,892,237	20,030,695	55,922,932	937,630
8.	Central Vermont	25.3	25.3	16,920	32,712	49,632	539
9.	Cumberland	31.3	31.3	23,007	-	23,007	-
10.	Essex Terminal	21.2	21.3	21,408	-	21,408	-
11.	Great Northern	140.7	147.7	76,618	78,770	155,388	2,067
12.	Greater Winnipeg Water District	92.0	92.0	16,424	-	16,424	-
13.	Hudson Bay	510.1	510.1	209,524	2,550	212,074	20,243
13A.	International Bridge and Terminal	1.1	1.1	-	-	-	-
14.	Maine Central	5.1	5.1	3,487	-	3,487	10
15.	Maritime Coal, Railway and Power	12.2	12.0	8,678	4,936	13,614	-
16.	Midland Railway of Manitoba	5.7	75.5	51,184	98,692	149,876	-
17.	Morrissey, Fernie and Michel	5.0	5.0	4,680	6,345	11,025	-
18.	Napierville Junction	27.1	41.7	54,936	96,995	151,931	1,777
19.	Northern Alberta	923.0	927.9	776,239	395,570	1,171,809	48,549
20.	Ontario Northland	574.3	574.3	946,187	589,041	1,537,228	50,434
21.	Ottawa and New York	57.3	58.0	35,362	36,921	72,283	-
22.	Pacific Great Eastern	347.8	347.0	169,985	93,516	263,501	35,312
23.	Pere Marquette	198.8	318.9	975,310	260	975,570	7,182
24.	Quebec Railway, Light & Power	25.7	25.0	34,801	332,785	367,586	5,154
25.	Roberval and Saguenay	29.0	29.0	81,039	-	81,039	685
26.	St. Lawrence and Adirondack	46.5	60.9	66,855	121,652	188,507	2,576
27.	Sydney and Louisburg	70.3	70.3	96,631	24,773	121,404	-
28.	Temiscouata	101.1	113.0	52,793	56,800	109,593	3,081
29.	Thousand Islands	4.5	4.5	4,600	14,630	19,230	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	170,271	166,100	336,371	3,325
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31A.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	984,846	-	984,846	-
33.	Total - 1947	42,322.1	43,449.9	82,377,565	45,367,725	127,745,290	2,937,660
34.	Total - 1946	42,335.1	42,346.6	77,794,963	45,700,856	123,495,819	2,502,910
35.	Canadian National (Canada & U.S.)	23,159.8	23,402.1	44,027,737	23,346,277	67,374,014	1,804,867

* - Track operated under trackage rights excluded.

Tons and Passengers Carried and Car Mileage for the Year ended Dec. 31, 1947

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,512,407	428,420,983	68,272	5,052,448	10,400,149	6,440,834	778,686	xx 18,444,252	523,796
2.	472,090	5,192,990	1,063	11,693	168,244	84,842	-	253,086	5,555
3.	40,952	3,630,232	9,669	603,772	264,990	194,478	190	459,658	80,277
4.	190,114	4,540,374	61,643	1,378,913	273,642	79,377	22,960	375,979	102,981
5.	10,216,614	1,531,328,831	1,302,420	203,950,753	67,083,382	37,128,101	1,671,981	105,883,464	19,921,710
6.	71,457,824	28,608,088,000	19,838,823	1,695,374,000	1,060,503,012	440,480,765	40,168,392	1,541,152,169	190,450,437
7.	59,034,547	26,263,531,000	14,636,353	1,665,585,000	906,078,593	398,808,126	38,896,142	1,343,782,861	173,625,402
8.	922,265	21,741,074	12,944	232,116	774,666	187,633	17,512	979,811	38,856
9.	377,244	2,540,420	1,090	17,467	37,704	37,704	4,168	79,576	18,791
10.	1,154,412	5,772,060	-	-	253,445	174,715	20,000	448,160	-
11.	678,381	22,303,845	130,809	4,404,350	800,823	577,580	71,745	1,450,148	464,109
12.	152,372	-	11,023	562,458	-	-	-	-	24,420
13.	224,131	102,247,634	17,100	3,558,947	2,950,601	2,431,340	236,741	5,618,682	564,728
13A.	-	-	-	-	-	-	-	-	-
14.	253,072	1,290,667	-	-	36,542	30,167	3,437	70,146	-
15.	140,520	1,456,505	5,978	41,847	47,915	34,417	-	82,332	4,936
16.	241,332	17,134,000	76,376	4,295,838	783,239	585,996	50,113	1,419,348	678,559
17.	288,786	1,432,378	164,500	740,250	23,400	23,400	-	46,800	19,035
18.	3,038,059	81,786,970	353,421	14,117,064	1,835,778	1,116,034	55,719	3,007,531	851,111
19.	1,244,954	333,279,186	206,436	21,506,606	13,352,845	6,110,900	745,073	20,208,818	3,033,898
20.	2,406,577	490,667,790	438,736	50,535,974	19,405,321	9,065,074	948,187	29,418,582	4,401,117
21.	168,927	8,086,438	42,472	1,061,343	239,858	230,953	35,480	506,291	102,226
22.	216,584	40,302,928	58,244	4,438,035	1,756,646	980,150	128,286	2,865,082	734,376
23.	5,074,889	915,390,062	529	52,756	35,708,576	17,727,423	990,262	54,426,261	87,510
24.	593,624	11,569,915	2,434,754	24,527,100	410,083	276,390	32,403	718,876	754,656
25.	1,976,050	38,529,172	117	2,330	882,853	756,451	61,848	1,701,152	13,381
26.	1,115,542	34,872,902	476,171	9,974,446	1,084,814	968,016	66,915	2,119,745	643,092
27.	2,564,461	31,060,651	14,854	261,371	746,702	739,498	64,790	1,550,990	105,462
28.	191,217	6,553,137	27,538	876,875	298,772	174,778	41,872	515,422	196,425
29.	x	176,621	6,501	29,320	12,125	5,485	-	17,610	14,630
30.	3,985,451	150,288,767	543,551	19,583,464	4,125,147	1,850,014	168,075	6,143,236	1,117,759
31.	-	-	-	-	-	-	-	-	-
31A.	-	-	-	-	-	-	-	-	-
32.	4,632,128	979,819,446	x	x	37,834,282	12,567,408	956,155	51,357,845	67,401
33.	ƒ152,855,820	60,143,034,978	40,941,387	3,732,776,536	2,168,174,149	939,868,049	86,237,132	3,195,103,913	398,646,636
34.	ƒ139,256,125	55,310,307,842	43,405,177	4,648,557,649	2,014,642,043	893,019,651	82,395,081	2,990,636,819	415,890,589
35.	86,221,279	32,945,415,090	21,226,889	1,844,649,873	1,214,766,511	510,886,859	43,978,279	ø1,773,998,364	206,539,389

x - Included with Canadian National Railways.
xx - Includes 824,583 miles in Non-revenue service.
ƒ Duplications excluded.
ø Includes 4,366,715 miles in Non-revenue service.

TABLE 5

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1947

No.	Division	Average Number of Employees (1)	Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages Per Hour (D - Days)	Average Salaries & Wages Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	548	D 167,055	4,590,254	D 305	D 27.48	8,376
2.	Division Officers	1,057	D 330,827	4,790,827	D 313	D 14.48	4,532
3.	Assistant Engineers and Draftsmen	774	D 239,975	2,221,539	D 308	D 9.26	2,858
4.	Other Miscellaneous Officials	1,336	D 410,417	5,034,290	D 302	D 12.27	3,710
5.	Clerks	19,185	D 5,907,349	41,986,814	D 305	D 7.11	2,189
6.	Telephone Switchboard Operators	223	D 70,028	381,717	D 314	D 5.45	1,712
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,800	D 543,594	2,706,271	D 302	D 4.98	1,504
8.	Janitors and Cleaners	1,017	D 305,282	1,578,908	D 300	D 5.18	1,553
	Total ..... (Daily basis)	25,966	D 7,974,527	63,290,619	D 307	D 7.94	2,436
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	542	D 167,795	1,378,773	D 310	D 8.18	2,533
10.	Carpenters and Bridgemen	2,358	5,723,926	4,999,695	2,427	0.87	2,120
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	373	915,636	928,074	2,455	1.01	2,486
12.	Masons, Bricklayers, Plasterers and Painters	428	1,033,238	946,807	2,391	0.91	2,165
13.	Helpers, B. and B. Department	388	812,960	709,181	2,855	0.78	1,828
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	564	1,638,792	1,596,936	2,906	0.97	2,831
16.	Pumpmen	401	1,112,355	857,285	2,774	0.77	2,138
17.	Extra Gang and Snow Plough Foremen	442	1,090,628	1,142,543	2,427	1.05	2,586
18.	Signal Foremen	62	D 19,378	225,924	D 313	D 11.66	3,644
19.	Section Foremen	5,968	15,566,083	13,630,961	2,608	0.88	2,284
20.	Sectionmen	17,469	42,334,005	30,105,975	2,423	0.71	1,723
21.	Labourers	7,869	19,077,809	10,848,377	2,424	0.57	1,378
22.	Foremen, Linemen	40	D 12,337	123,912	D 306	D 9.23	2,848
23.	Telegraph and Telephone Linemen and Groundmen	95	215,933	196,061	2,273	0.91	2,064
24.	Signal and Interlocker Maintainers and Repairmen	764	2,015,123	1,890,720	2,638	0.94	2,475
	Total ..... (Daily basis)	644	D 199,508	1,712,609	D 310	D 8.52	2,659
	(Hourly basis)	37,119	91,626,486	67,831,195	2,468	0.74	1,827
	Total	37,763	-	69,543,804	-	-	1,842
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	65	D 20,284	271,175	D 312	D 13.37	4,172
26.	Department and Gang Foremen	2,552	D 803,411	7,999,458	D 315	D 9.96	3,135
27.	Blacksmiths	739	1,674,931	1,807,867	2,266	1.08	2,446
28.	Boilermakers	1,439	3,313,227	3,627,575	2,302	1.09	2,521
29.	Carmen (A)	2,435	5,403,174	5,885,590	2,219	1.09	2,417
30.	Carmen (B)	551	1,218,843	1,330,951	2,212	1.09	2,415
31.	Carmen (C)	6,735	16,318,371	16,486,898	2,423	1.01	2,448
32.	Carmen (D)	205	447,743	460,459	2,184	1.03	2,246
33.	Electrical Workers	1,108	2,666,513	2,772,281	2,407	1.04	2,502
34.	Machinists	5,168	11,876,379	12,857,092	2,298	1.08	2,488
35.	Moulders	122	268,168	300,975	2,198	1.12	2,467
36.	Pipe Fitters and Sheet Metal Workers	1,371	3,061,146	3,359,249	2,233	1.10	2,449
37.	Helpers to Mechanics	9,052	21,117,906	18,301,595	2,333	0.87	2,022
38.	delper Apprentices	38	58,470	48,225	1,539	0.82	1,269
39.	Regular Apprentices	2,334	5,190,253	4,460,906	2,224	0.86	1,911

40. Car Cleaners	1,946	4,712,391	3,337,292	2,422	0.71	1,715
41. Other Unskilled Employees	4,968	11,879,463	8,494,797	2,391	0.72	1,710
42. Unclassified Labourers	3,089	7,056,760	4,856,573	2,284	0.69	1,572
43. Stationary Engineers, Firemen and Oilers	801	2,078,185	1,799,962	2,594	0.87	2,247
Total ..... (Daily basis)	2,617	D 823,695	8,270,633	D 315	D 10.04	3,160
(Hourly basis)	42,101	98,341,923	89,917,287	2,336	0.91	2,136
Total	44,718	-	98,187,920	-	-	2,196
TRANSPORTATION						
44. Inspectors and Sergeants of Police	212	D 65,628	648,321	D 310	D 9.88	3,058
45. Constables and Policemen	736	D 230,417	1,767,484	D 313	D 7.67	2,401
46. Storekeepers	252	D 78,391	697,061	D 311	D 8.89	2,766
47. Storemen	2,124	4,832,055	3,738,354	2,275	0.78	1,784
48. Train Despatchers and Traffic Supervisors	623	1,567,897	2,437,232	2,516	1.55	3,912
49. Supervisory Agents and Assistants	537	1,376,322	1,639,991	2,563	1.19	3,054
50. Station Agents, Non-telegraphers (small station)	147	375,105	260,341	2,518	0.70	1,771
51. Station Agents, Telegraphers and Telephoners	5,796	15,185,968	15,394,361	2,620	1.01	2,656
52. Signalmen (non-telegraphers) at Interlockers	242	607,980	525,397	2,512	0.86	2,163
53. Foremen in Freight Sheds	575	1,431,486	1,424,174	2,490	0.99	2,477
54. Freight Handlers and other Station Employees	7,216	17,786,435	14,206,804	2,465	0.80	1,969
55. Labourers	1,106	2,777,031	2,038,158	2,511	0.73	1,838
56. Dining Car and Restaurant Inspectors, Conductors & Stewards	376	D 122,772	1,003,538	D 327	D 8.34	2,722
57. Dining Car and Restaurant Helpers and Attendants	2,392	D 771,517	4,137,823	D 323	D 5.40	1,742
58. News Agents	200	D 58,760	389,229	D 294	D 6.62	1,946
59. Floating Equipment Employees	805	2,270,236	1,588,805	2,820	0.70	1,974
60. Sleeping and Parlour Car Inspectors and Conductors	255	D 85,382	710,200	D 335	D 8.32	2,785
61. Sleeping and Parlour Car Porters	1,295	D 432,221	2,241,280	D 334	D 5.19	1,731
62. Drawbridge Operators	106	287,022	235,786	2,519	0.88	2,206
63. Signalmen or Watchmen at Crossings, non-interlocked	579	1,461,389	873,175	2,524	0.67	1,691
64. Yardmasters and Assistants	708	D 217,698	2,514,830	D 307	D 11.55	3,552
65. Switch Tenders	394	D 134,145	939,260	D 340	D 7.00	2,384
66. Hostlers	639	D 217,440	1,679,163	D 340	D 7.72	2,628
67. Road Passenger Conductors	827	2,075,915	3,435,560	2,310	1.66	4,178
68. Road Freight Conductors	2,688	7,585,353	10,638,041	2,822	1.40	3,958
69. Road Passenger Brakemen, Baggagemen and Flagmen	1,866	4,560,248	5,845,469	2,444	1.30	3,186
70. Road Freight Brakemen and Flagmen	6,323	15,447,059	18,018,171	2,443	1.17	2,850
71. Yard Conductors and Yard Foremen	1,868	5,008,516	5,735,098	2,679	1.15	3,070
72. Yard Brakemen and Helpers	4,042	10,472,940	11,811,715	2,591	1.08	2,799
73. Road Passenger Engineers and Motormen	997	2,305,011	4,973,980	2,312	2.16	4,989
74. Road Freight Engineers and Motormen	3,566	9,487,422	14,787,644	2,588	1.56	4,034
75. Yard Engineers and Motormen	1,613	4,942,707	5,816,011	3,064	1.18	3,606
76. Road Passenger Firemen and Helpers	1,000	2,232,922	3,959,060	2,233	1.77	3,959
77. Road Freight Firemen and Helpers	3,964	9,428,979	11,744,898	2,379	1.25	2,963
78. Yard Firemen and Helpers	1,645	4,920,253	4,773,688	2,991	0.97	2,902
Total ..... (Daily basis)	7,459	D 2,414,371	16,777,969	D 324	D 6.95	2,249
(Hourly basis)	50,354	129,396,100	145,668,613	2,550	1.13	2,893
Total	57,813	-	162,446,582	-	-	2,810
79. Express Department	4,247	D 1,364,293	9,655,273	D 321	D 7.08	2,273
80. Communication Department	7,380	17,734,933	14,964,076	2,403	0.84	2,030
81. Employees Engaged in Outside Operations	6,529	16,365,853	11,732,872	2,507	0.72	1,797
GRAND TOTAL .... (Daily basis)	40,932	D 12,776,394	99,709,099	D 312	D 7.80	2,436
(Hourly basis)	143,483	352,465,297	330,134,043	2,456	0.94	2,301
Total - 1947 (2)	184,415	-	429,843,142	-	-	2,331
82. Total number of Female Employees (monthly average)	10,376	-	-	-	-	-
83. Total pay roll charged to operating expenses	-	-	391,621,188	-	-	-
84. Pullman, Bridge and Tunnel Companies (Daily basis)	149	D 54,453	426,734	D 365	D 7.84	2,864
(Hourly basis)	90	252,732	200,420	2,808	0.79	2,227
Total	239	-	627,154	-	-	2,624

Government of Canada

PRELIMINARY REPORT

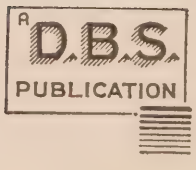
ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1948



DOMINION BUREAU OF STATISTICS

DEPARTMENT OF TRADE AND COMMERCE

PRELIMINARY REPORT

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PRELIMINARY REPORT

ON STATISTICS OF

STEAM RAILWAYS

1948

Canadian railways reported operating revenues of $875,832,290 for 1948, an increase of $90,654,370 or 11.5 p.c. over 1947 to establish an all time high and is some $79,196,000 or 9.9 p.c. above the previous record in 1944. Increased freight rates were largely responsible for the peak earnings. This maximum is 2.4 times the 1939 level and 2.6 times 1938 revenues. However, expenses sparked by increases in wages and material costs jumped from $690,821,047 in 1947 to $808,126,455, up 17 p.c. or $117,305,408. This is a record which compares with $304,373,285 in 1939 and $295,705,638 in 1938. The advance in expenses in 1948 over 1947 exceeded that in revenues by $26,651,000. Consequently the difference between operating revenues and expenses shows net revenues on operations of $67,705,835 against $94,356,873 in 1947 and $161,862,765 in 1944. Railway taxes were reduced from $26,342,165 in 1947 to $19,695,531 in the year under review, while hire of equipment and joint rentals eased $557,629 to $14,847,628. Net operating income was thus $33,162,676 compared with $52,629,451 in the preceding year. Fifteen of the 32 railways in Canada suffered deficits on operations during 1948, a year of reasonable prosperity and high employment. Charges for services did not keep pace with rising costs. Fortunately, non-operating income improved from $40,428,737 to $42,612,827 with Canadian Pacific showing $27,305,560 under this heading, mostly from the Consolidated Mining and Smelting Company. Interest payments totalled $65,901,400 during the year, down slightly from $66,106,580 in 1947, while all other non-operating expenses rose from $8,801,911 to $12,169,840. Total interest required for the entire Canadian National system was $45,112,564, including U. S. lines.

Net corporate income of all railways registered a deficit of $2,295,737 for 1948 against a credit of $18,149,697 in 1947. Eighteen of the 32 lines showed some net corporate income totalling $38,736,443, while thirteen had losses of $41,032,180. United States lines operating in Canada had credits of $7,615,212 for 1948 against debits of $1,529,797 or a net of $6,085,415, compared with a revised net of $4,909,297 in 1947. The United States segment of the Canadian National showed a deficit of $21,857 compared with a net income of $88,045 in 1947.

Single track mileage operated at the end of the year totalled 42,243 miles, a decrease of some 74 miles from 1947, mainly in Saskatchewan and Alberta. Total revenue train mileage advanced 1.4 p.c. from 127,745,290 miles in 1947 to 129,500,185 miles in the year under review. Freight train revenue mileage increased 1,021,052 miles to 83,398,617 miles, while that of passenger trains was 46,101,568 miles against 45,367,725 miles in 1947.

Revenue freight tons carried, excluding duplications, rose from 152,855,820 to 154,932,804 tons, or by 1.36 p.c. over 1947, but ton miles were down from 60.1 to 59.1 billion.

The number of passengers carried continued to decline from the war time peaks and 38,279,981 were recorded for 1948 compared with 40,941,387 passengers one year earlier, a decrease of 6.5 p.c., while passenger revenues eased 4.9 p.c. Passenger mileage declined 6.8 p.c. from 1947 indicating shorter average journeys. The ratio of loaded freight car miles to empty car miles showed improvement at 2.370 to 1 during 1948 against 2.307 in the preceding year.

Railway employees, including express and communication departments and outside operations, numbered 189,963, an increase of 3 p.c., or 5,548 over 1947, while total salaries and wages jumped from $429,843,142 to $512,054,795, a gain of 19.1 p.c. The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not merely the count of all persons whose names appeared on the pay rolls during the year. Thus, an employee working only half a year is counted as half an employee. Total pay roll, however, is the total money paid, including retroactive pay, but is exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies, services and privileges supplied to employees. The express and telegraph facilities of the Canadian Pacific Railway Company are separately incorporated companies and their employees are not included with railway employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger systems four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

The average salary or wages received by the 189,963 employees ranging from top executive to apprentice was $2,696 in 1948 against $2,331 one year earlier, an average increase of 15.66 p.c., or $365, and places railway employees as a group among the highest paid in Canada. The number of female employees continued to decline from the war time emergency peak of 13,640 in 1945, and totalled 10,099 against 10,376 in 1947. In 1939 females numbered 4,798.

Average wages paid to the general and miscellaneous group continue to rise from $2,438 in 1947 to $2,787 in the year under review. Employees in this group increased by 515 to 26,480. Wages of maintenance of way and structures employees rose from $69,543,804 to $85,766,052, with numbers up 1,461 to 39,224 and average earnings $2,187 against $1,842 one year earlier. Both average days and hours worked increased partly due to February 29th in 1948. (Total maintenance of way and structure expenditures rose some $25,000,000 over 1947 to nearly $160,000,000).

Maintenance of equipment employees earned $2,562 in 1948 compared with $2,196 in the preceding year, with increases in days and in hours worked, which were 2,361 against 2,336 hours in 1947. Total expenditures on maintenance of equipment were some $175,000,000, up $30 million over the previous year, and the wage bill on this account was $119,363,597 compared with $98,187,920.

The "Transportation" division of employees required 37 p.c. of the total pay roll earning $189,667,757 against $162,446,582 in 1947. Average earnings increased from $2,810 to $3,236 and ranged from $5,659 for road passenger engineers and motormen to $2,039 for news agents. Freight department employees continue to advance in numbers over 1947 and 1946. Gains were also shown in the numbers employed in express, communications and in outside operations.

Total pay roll charged to operating expenses increased from $391,621,188 in 1947 to $464,532,696 in the year under review, a jump of 18.6 p.c., or $72,911,508, and compares with only $177,968,435 in 1938. This is an advance of 2.6 times in the decade against a rise of 2.47 times in operating revenues in the same comparison.

Some improvement was shown from 1947 in the safety performance of the railways. There were 15 passengers killed in accidents resulting from the movement of trains compared with 34 in the preceding year. Employee deaths numbered 76 against 77 in this category one year earlier. Passengers injured numbered 284, down from 355 in 1947, while 2,906 employees suffered injury in train movements, some 57 fewer than in the previous twelve months. Non-train accidents claimed the lives of 23 employees and 10 other persons against 26 and 4 respectively in 1947. Injured numbered 7,315 in non-train accidents of whom 7,074 were employees and compared with 7,855 in 1947, among whom were 7,657 employees. Time lost by employees through injuries had shown reduction each year since 1944. Accidents at railway crossings accounted for 141 fatalities or 10 less than during 1947, which had established a record. The majority or 79 p.c. of the fatalities occurred at unprotected crossings. In addition 501 persons received serious injuries, the same number as in 1947. Motorists continued to constitute the bulk of crossing victims.

Table 1. Income Account for the Year ended December 31, 1948

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	7,100,060	6,389,423	710,637	72,241	Cr. 86,274
2.	Alma and Jonquieres	303,275	203,443	99,832	20,584	38,790
3.	British Yukon	721,486	495,783	225,703	11,141	-
4.	Canada and Gulf Terminal	367,068	252,046	115,022	4,864	23,106
5.	Canada Southern (Lessee N.Y.C.)	28,357,890	19,688,271	8,669,619	1,643,937	3,097,901
5A.	Canada Southern (Lessor)	-	-	-	31,307	-
6.	Canadian National	422,544,983	408,021,042	14,523,941	6,520,909	2,939,008
7.	Canadian Pacific	355,249,702	326,178,356	29,071,346	8,024,445	2,627,735
8.	Central Vermont	11,366	87,864	Dr. 76,498	1,636	925
9.	Chesapeake and Ohio (Pere Marquette Div.)	11,508,743	5,732,005	5,776,738	1,399,142	1,477,691
10.	Cumberland	217,058	285,016	Dr. 67,958	3,022	6,994
11.	Essex Terminal	577,870	434,445	143,425	47,685	20,108
12.	Great Northern	1,488,952	1,658,234	Dr.169,282	201,466	Cr. 78,840
13.	Greater Winnipeg Water District	116,648	147,247	Dr. 30,599	-	2,739
14.	Hudson Bay	1,177,530	1,320,246	Dr.142,716	4,870	254,627
15.	Maine Central	27,882	26,799	1,083	5	129
16.	Maritime Coal, Railway and Power	125,302	99,991	25,311	4,190	20,187
17.	Midland Railway of Manitoba	548,906	682,359	Dr.133,453	56,082	150,867
18.	Morrissey, Fernie and Michel	80,019	66,991	13,028	3,627	Cr. 710
19.	Napierville Junction	1,349,221	856,026	493,195	104,334	195,349
20.	Northern Alberta	7,036,633	6,284,883	751,750	88,334	1,032,341
21.	Ontario Northland	10,650,385	9,163,412	1,486,973	6,825	381,862
22.	Ottawa and New York	220,678	431,476	Dr.210,798	31,047	32,694
23.	Pacific Great Eastern	1,838,090	2,211,581	Dr.373,491	5,840	77,483
24.	Quebec Railway, Light and Power	1,005,613	843,320	162,293	17,426	34,890
25.	Roberval and Saguenay	2,504,900	1,000,377	1,504,523	391,060	120,234
26.	St. Lawrence and Adirondack	1,091,826	1,341,916	Dr.250,090	41,699	249,119
27.	Sydney and Louisburg	2,062,279	1,820,612	241,667	8,070	377,608
28.	Temiscouata	477,553	460,940	16,613	5,287	20,022
29.	Thousand Islands	59,234	72,024	Dr. 12,790	489	-
30.	Toronto, Hamilton and Buffalo	4,863,423	2,920,319	1,943,104	605,363	85,200
31.	Toronto Terminals	889,510	1,882,168	Dr.992,658	257,852	-
32.	Wabash (in Canada)	11,258,205	7,067,840	4,190,365	80,752	1,745,843
33.	Total - 1948	875,832,290	808,126,455	67,705,835	⁄19,695,531	14,847,628
34.	Total - 1947	785,177,920	690,821,047	94,356,873	⁄26,342,165	15,385,257
35.	Canadian National (Canada & U.S.)	491,269,950	464,739,970	26,529,980	10,318,631	6,035,719

⁄ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $42,386 in 1948, and $39,998 in 1947, which are classified as "Rents for Leased Roads" of the Chesapeake and Ohio Railway (Pere Marquette Division) and are included in "all other Non-operating Expenses".

Income Account for the Year ended December 31, 1948

No.	Net Operating Income	Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	724,670	30,263	754,933	545,950	129,003	674,953	79,980
2.	40,458	5,633	46,091	-	-	-	46,091
3.	214,562	1,023	215,585	111,222	-	111,222	104,363
4.	87,052	4,139	91,191	21,933	18,434	40,367	50,824
5.	3,927,781	33,317	3,961,098	1,497	1,958,019	1,959,516	2,001,582
5A.	Dr. 31,307	2,093,138	2,061,831	1,461,750	1,029	1,462,779	599,052
6.	5,064,024	x 9,853,505	14,917,529	xx 44,785,928	3,948,540	48,734,468	Dr.33,816,939
7.	18,419,166	27,305,560	45,724,726	12,514,905	5,815,970	18,330,875	27,393,851
8.	Dr. 79,059	375	Dr. 78,684	35,009	1,539	36,548	Dr. 115,232
9.	2,899,905	15,023	2,914,928	125,618	138,502	264,120	2,650,808
10.	Dr. 77,974	-	Dr. 77,974	-	-	-	Dr. 77,974
11.	75,632	18,032	93,664	13,800	-	13,800	79,864
12.	Dr.291,908	126,869	Dr. 165,039	130,968	32,766	163,734	Dr. 328,773
13.	Dr. 33,338	-	Dr. 33,338	-	-	-	Dr. 33,338
14.	Dr.402,213	146	Dr. 402,067	-	-	-	Dr. 402,067
15.	949	-	949	-	-	-	949
16.	934	4,589	5,523	-	-	-	5,523
17.	Dr.340,402	17,817	Dr. 322,585	-	9,300	9,300	Dr. 331,885
18.	10,111	-	10,111	-	-	-	10,111
19.	193,512	20,101	213,613	1	5,431	5,432	208,181
20.	Dr.368,925	370,847	1,922	-	1,601	1,601	321
21.	1,098,286	276	1,098,562	219,909	194	220,103	878,459
22.	Dr.274,539	6,829	Dr. 267,710	9	1,057	1,066	Dr. 268,776
23.	Dr.456,814	20,575	Dr. 436,239	4,444,644	19,306	4,463,950	Dr. 4,900,189
24.	109,977	6,212	116,189	-	-	-	116,189
25.	993,229	2,906	996,135	93,100	101	93,201	902,934
26.	Dr.540,908	486	Dr. 540,422	48,973	10,968	59,941	Dr. 600,363
27.	Dr.144,011	-	Dr. 144,011	-	-	-	Dr. 144,011
28.	Dr. 8,696	8,539	Dr. 157	-	-	-	Dr. 157
29.	Dr. 13,279	803	Dr. 12,476	-	-	-	Dr. 12,476
30.	1,252,541	52,116	1,304,657	43,173	17,893	61,066	1,243,591
31.	Dr.1,250,510	2,613,708	1,363,198	1,303,011	60,187	1,363,198	-
32.	2,363,770	-	2,363,770	-	-	-	2,363,770
33.	33,162,676	42,612,827	75,775,503	65,901,400	12,169,840	78,071,240	Dr. 2,295,737
34.	52,629,451	40,428,737	93,058,188	66,106,580	8,801,911	74,908,491	18,149,697
35.	10,175,830	5,270,536	15,446,166	45,112,564	4,172,398	49,284,962	Dr.33,838,796

xx Includes $21,627,032 interest on Dominion Government Loans of $760,494,825.

x Includes net operating results of U. S. Lines.

Table 2 — Train Mileage for the Year ended December 31, 1948

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-Revenue Trains
		At Dec. 31 ϕ	Average during Year				
1.	Algoma Central and Hudson Bay	320.8	321.8	811,272	-	811,272	72,224
2.	Alma and Jonquieres	10.6	10.6	21,538	-	21,538	-
3.	British Yukon	90.3	90.3	48,082	5,278	53,360	1,488
4.	Canada and Gulf Terminal	38.1	38.1	24,800	51,760	76,560	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.1	1,514,373	1,599,995	3,114,368	26,288
6.	Canadian National	21,466.8	21,728.3	40,057,771	22,090,854	62,148,625	1,766,673
7.	Canadian Pacific	16,615.7	17,032.7	35,938,752	20,204,687	56,143,439	957,553
8.	Central Vermont	25.3	25.3	4,944	32,601	37,545	16
9.	Chesapeake and Ohio (Pere Marquette Division)	198.8	318.9	852,326	-	852,326	5,408
10.	Cumberland	31.3	31.3	30,622	-	30,622	-
11.	Essex Terminal	21.3	21.3	19,523	-	19,523	-
12.	Great Northern	140.8	147.8	70,295	73,841	144,136	12,243
13.	Greater Winnipeg Water District	92.0	92.0	27,652	-	27,652	-
14.	Hudson Bay	510.1	510.1	222,486	4,080	226,566	13,247
14A.	International Bridge and Terminal	1.1	1.1	-	-	-	-
15.	Maine Central	5.1	5.1	3,605	-	3,605	60
16.	Maritime Coal, Railway and Power	12.2	12.0	14,621	1,482	16,103	-
17.	Midland Railway of Manitoba	5.7	75.5	49,279	96,893	146,172	-
18.	Morrissey, Fernie and Michel	5.0	5.0	6,143	6,143	12,286	-
19.	Napierville Junction	27.1	41.7	59,151	96,687	155,838	566
20.	Northern Alberta	923.0	927.9	887,596	398,048	1,285,644	50,579
21.	Ontario Northland	574.3	574.3	984,958	574,476	1,559,434	37,402
22.	Ottawa and New York	57.3	58.0	56,403	37,052	73,455	-
23.	Pacific Great Eastern	349.8	347.0	167,953	117,800	285,753	52,936
24.	Quebec Railway, Light and Power	25.7	25.0	34,710	340,493	375,203	570
25.	Roberval and Saguenay	29.0	29.0	113,757	-	113,757	964
26.	St. Lawrence and Adirondack	46.5	60.9	82,507	124,910	207,417	622
27.	Sydney and Louisburg	70.3	70.3	133,886	36,618	170,504	-
28.	Temiscouata	101.1	113.0	71,884	30,490	102,374	2,184
29.	Thousand Islands	4.5	4.5	4,550	14,660	19,210	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	179,881	162,720	342,601	6,992
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31A.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	923,297	-	923,297	-
33.	Total - 1948	42,248.3	43,448.8	85,398,617	46,101,568	129,500,185	3,008,015
34.	Total - 1947	42,322.1	43,449.9	82,377,565	45,367,725	127,745,290	2,937,660
35.	Canadian National (Canada & U.S.)	23,082.5	23,400.6	44,982,912	23,901,589	68,864,501	1,838,816

ϕ Track operated under trackage rights excluded.

Tons and Passengers Carried and Car Mileage for the Year ended December 31, 1948

	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,446,420	382,132,866	65,026	4,878,480	9,102,401	5,259,445	680,782	2/ 16,414,101	517,248
2.	433,381	4,767,191	536	5,896	152,857	92,800	-	245,657	3,975
3.	52,467	4,102,914	17,603	928,119	273,104	188,239	1,348	462,691	117,622
4.	199,011	5,873,730	59,850	1,411,078	275,571	61,506	24,800	361,877	112,100
5.	9,925,680	1,395,011,817	1,145,470	180,019,721	60,891,718	34,457,696	1,510,566	96,859,980	20,485,836
6.	70,698,916	28,709,527,000	18,802,599	1,623,402,000	1,064,999,818	425,729,767	41,647,255	1,532,376,840	196,135,103
7.	60,036,833	25,297,202,000	13,629,044	1,523,514,000	889,283,124	388,727,969	38,592,281	1,316,603,374	179,317,726
8.	17,892	328,935	10,512	183,551	14,073	10,649	4,960	29,681	34,593
9.	4,834,688	871,150,478	-	-	31,880,384	11,092,220	873,794	43,846,398	15,978
10.	569,092	3,478,540	909	13,491	53,660	53,660	8,622	115,942	22,230
11.	1,115,076	5,983,855	-	-	224,295	166,165	19,400	409,860	-
12.	782,362	24,945,028	101,873	3,390,162	973,901	704,707	75,759	1,754,367	449,013
13.	175,696	-	10,457	555,879	-	-	-	-	24,790
14.	230,602	107,710,903	17,814	4,050,217	3,143,592	2,545,276	235,199	5,922,067	661,714
14A.	-	-	-	-	-	-	-	-	-
15.	234,088	1,193,849	-	-	33,996	29,818	3,669	67,483	-
16.	163,140	1,699,114	6,292	44,272	55,201	41,274	-	96,475	1,482
17.	168,314	11,954,736	62,611	3,537,982	603,954	526,432	49,219	979,605	646,262
18.	267,585	1,329,897	140,080	696,198	26,505	26,505	-	53,010	18,429
19.	2,987,239	80,489,876	317,330	12,495,917	1,835,771	1,374,729	59,323	3,269,823	856,122
20.	1,390,796	368,820,344	196,427	19,105,217	15,245,824	7,205,548	841,871	23,293,243	3,113,546
21.	2,605,531	529,268,171	364,443	44,522,978	19,907,673	10,078,270	984,958	30,970,901	4,400,728
22.	190,690	8,784,894	34,317	834,599	246,091	232,934	36,521	515,546	112,962
23.	228,660	45,439,912	61,615	4,424,521	2,000,583	1,075,145	148,600	3,224,328	777,185
24.	536,135	10,610,267	2,293,160	22,541,735	379,274	269,447	32,059	680,790	745,556
25.	2,829,995	55,465,529	131	2,668	1,087,385	1,006,439	74,340	2,168,164	12,280
26.	1,125,905	36,763,997	427,567	8,765,171	1,086,724	1,087,882	82,495	2,257,101	630,576
27.	4,141,548	51,504,593	11,938	209,798	1,212,986	1,204,460	104,370	2,521,816	139,617
28.	192,081	6,556,465	11,670	357,964	516,578	182,063	33,318	531,959	155,060
29.	1/	176,305	5,341	24,088	12,755	5,180	-	17,935	14,660
30.	3,887,711	145,858,416	485,366	17,357,558	4,044,566	2,020,541	177,804	6,242,911	1,098,379
31.	-	-	-	-	-	-	-	-	-
31A.	-	-	-	-	-	-	-	-	-
32.	4,272,691	912,211,715	1/	1/	35,528,674	10,000,459	894,659	46,423,792	70,637
33.	3/ 154,932,804	59,080,323,337	38,279,981	3,477,273,260	2,144,992,938	905,255,224	87,197,972	3,138,717,607	410,689,409
34.	3/ 152,855,820	60,143,034,978	40,941,387	3,732,776,536	2,188,174,149	939,868,049	86,237,132	3,195,103,913	396,646,636
35.	85,240,738	32,942,999,471	20,083,064	1,754,856,873	1,212,172,361	496,484,626	45,166,091	4/ 1,787,703,491	212,096,589

1/ Included with Canadian National.

2/ Includes 1,371,473 miles in non-revenue service - undistributed.

3/ Duplications excluded.

4/ Includes 3,880,413 miles in non-revenue service- undistributed.

Table 7

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1948

No.	Division	Average Number of Employees (1)	Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages	
						Per Hour (D - Days)	Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	596	D 182,407	5,204,100	D 306	D 28.53	8,732
2.	Division Officers	1,065	D 333,536	5,178,999	D 313	D 15.53	4,863
3.	Assistant Engineers and Draftsmen	850	D 262,971	2,753,181	D 309	D 10.47	3,239
4.	Other Miscellaneous Officials	1,530	D 477,946	6,130,283	D 312	D 12.84	4,011
5.	Clerks	19,287	D 5,360,756	48,712,453	D 309	D 8.17	2,526
6.	Telephone Switchboard Operators	247	D 73,374	474,424	D 297	D 6.47	1,921
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,846	D 557,163	3,356,355	D 301	D 6.02	1,816
8.	Janitors and Cleaners	1,057	D 318,160	1,980,208	D 301	D 6.22	1,873
	Total ..... (Daily basis)	26,480	D 8,166,313	73,797,003	D 308	D 9.04	2,787
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	579	D 182,094	1,704,953	D 314	D 9.36	2,945
10.	Carpenters and Bridgemen	2,494	6,218,293	6,317,174	2,493	1.02	2,533
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	405	1,020,140	1,187,833	2,519	1.16	2,933
12.	Masons, Bricklayers, Plasterers and Painters	493	1,178,656	1,231,235	2,391	1.04	2,497
13.	Helpers, B. and B. Department	463	1,160,160	1,064,950	2,402	0.92	2,205
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	657	1,902,753	2,171,927	2,896	1.14	3,306
16.	Pumpmen	394	1,090,174	985,497	2,767	0.90	2,501
17.	Extra Gang and Snow Plough Foremen	462	1,210,684	1,455,122	2,621	1.20	3,150
18.	Signal Foremen	59	D 18,731	242,600	D 317	D 12.95	4,112
19.	Section Foremen	6,034	15,928,687	16,112,338	2,640	1.01	2,670
20.	Sectionmen	17,815	43,696,179	37,155,803	2,453	0.85	2,086
21.	Labourers	8,474	21,913,535	13,832,781	2,586	0.62	1,609
22.	Foremen, Linemen	36	D 11,863	126,547	D 330	D 10.37	3,515
23.	Telegraph and Telephone Linemen and Groundmen	73	162,760	186,591	2,230	1.15	2,556
24.	Signal and Interlocker Maintainers and Repairmen	766	2,041,267	2,190,701	2,665	1.07	2,860
	Total ..... (Daily basis)	674	D 212,688	2,074,100	D 316	D 9.75	3,077
	(Hourly basis)	38,550	97,523,288	83,691,952	2,530	0.86	2,171
	Total	39,224	-	85,766,052	-	-	2,187
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	66	D 20,922	301,888	D 317	D 14.43	4,574
26.	Department and Gang Foremen	2,681	D 854,911	9,384,880	D 319	D 10.98	3,501
27.	Blacksmiths	737	1,680,745	2,062,433	2,281	1.23	2,798
28.	Boilermakers	1,490	3,462,023	4,276,564	2,324	1.24	2,870
29.	Carmen (A)	2,616	5,917,319	7,279,869	2,262	1.23	2,783
30.	Carmen (B)	593	1,297,633	1,610,607	2,188	1.24	2,716
31.	Carmen (C)	7,125	17,327,883	20,037,847	2,432	1.16	2,812
32.	Carmen (D)	237	529,078	618,158	2,232	1.17	2,608
33.	Electrical Workers	1,174	2,863,169	3,387,237	2,439	1.18	2,885
34.	Machinists	5,385	12,507,124	15,279,778	2,323	1.22	2,837
35.	Moulders	129	286,479	364,474	2,221	1.27	2,825
36.	Pipe Fitters and Sheet Metal Workers	1,432	3,247,143	4,018,625	2,268	1.24	2,816
37.	Helpers to Mechanics	9,502	22,510,062	22,423,782	2,369	1.00	2,360
38.	Helper Apprentices	32	67,340	63,867	2,104	0.95	1,996
39.	Regular Apprentices	2,294	5,154,867	5,263,585	2,247	1.02	2,295

40.	Car Cleaners	2,083	5,070,958	4,326,131	2,434	0.85	2,077
41.	Other Unskilled Employees	5,002	12,113,814	10,468,033	2,422	0.86	2,093
42.	Unclassified Labourers	3,203	7,360,707	6,110,674	2,298	0.83	1,908
43.	Stationary Engineers, Firemen and Oilers	804	2,091,528	2,085,165	2,601	1.00	2,593
	Total ..... (Daily basis)	2,747	D 875,833	9,686,768	D 319	D 11.06	3,526
	(Hourly basis)	43,838	103,487,872	109,676,829	2,361	1.06	2,502
	Total	46,585	-	119,363,597	-	-	2,562
	TRANSPORTATION						
44.	Inspectors and Sergeants of Police	217	D 66,704	735,940	D 307	D 11.03	3,391
45.	Constables and Policemen	724	D 228,004	2,001,312	D 315	D 8.78	2,764
46.	Storekeepers	258	D 81,143	814,943	D 315	D 10.04	3,159
47.	Storemen	2,245	5,082,331	4,695,944	2,264	0.92	2,092
48.	Train Despatchers and Traffic Supervisors	639	1,616,079	2,787,937	2,529	1.73	4,363
49.	Supervisory Agents and Assistants	549	1,391,281	1,855,717	2,534	1.33	3,380
50.	Station Agents, Non-telegraphers (small station)	138	344,988	288,516	2,500	0.84	2,091
51.	Station Agents, Telegraphers and Telephoners	5,914	15,545,326	17,854,081	2,629	1.15	3,019
52.	Signalmen (non-telegraphers) at Interlockers	239	610,545	614,055	2,555	1.01	2,569
53.	Foremen in Freight Sheds	563	1,396,960	1,586,684	2,481	1.14	2,818
54.	Freight Handlers and other Station Employees	6,953	16,933,742	15,686,169	2,435	0.93	2,256
55.	Labourers	1,097	2,797,620	2,440,013	2,550	0.87	2,224
56.	Dining Car and Restaurant Inspectors, Conductors & Stewards	347	D 116,533	1,099,592	D 336	D 9.44	3,169
57.	Dining Car and Restaurant Helpers & Attendants	2,356	D 759,875	5,012,612	D 323	D 6.60	2,128
58.	News Agents	197	D 57,709	401,694	D 293	D 6.96	2,039
59.	Floating Equipment Employees	842	2,411,172	1,980,057	2,864	0.82	2,352
60.	Sleeping and Parlour Car Inspectors and Conductors	259	D 85,517	812,801	D 330	D 9.50	3,138
61.	Sleeping and Parlour Car Porters	1,324	D 441,540	3,248,820	D 333	D 7.36	2,454
62.	Drawbridge Operators	105	272,907	280,704	2,599	1.03	2,673
63.	Signalmen or Watchmen at Crossings, non-interlocked	570	1,468,903	1,196,612	2,577	0.81	2,099
64.	Yardmasters and Assistants	703	D 223,452	2,841,499	D 318	D 12.72	4,042
65.	Switch Tenders	397	D 137,186	1,115,882	D 346	D 8.13	2,811
66.	Hostlers	659	D 227,906	2,020,650	D 346	D 8.87	3,066
67.	Road Passenger Conductors	829	2,117,326	3,996,202	2,554	1.89	4,821
68.	Road Freight Conductors	2,746	7,709,573	12,429,655	2,808	1.61	4,526
69.	Road Passenger Brakemen, Baggagemen and Flagmen	1,900	4,680,024	7,054,219	2,463	1.51	3,713
70.	Road Freight Brakemen and Flagmen	6,472	15,633,163	21,221,762	2,416	1.36	3,279
71.	Yard Conductors and Yard Foremen	1,866	5,093,805	6,846,543	2,701	1.34	3,630
72.	Yard Brakemen and Helpers	4,247	10,664,917	13,105,994	2,511	1.23	3,086
73.	Road Passenger Engineers and Motormen	1,031	2,408,696	5,834,253	2,336	2.42	5,659
74.	Road Freight Engineers and Motormen	3,711	9,525,018	16,972,023	2,567	1.78	4,573
75.	Yard Engineers and Motormen	1,695	5,105,898	6,874,575	3,012	1.35	4,056
76.	Road Passenger Firemen and Helpers	1,034	2,278,211	4,674,225	2,203	2.05	4,521
77.	Road Freight Firemen and Helpers	3,994	9,516,687	13,642,939	2,383	1.43	3,416
78.	Yard Firemen and Helpers	1,775	5,074,054	5,643,133	2,859	1.11	3,179
	Total ..... (Daily basis)	7,441	D 2,425,569	20,105,745	D 326	D 8.29	2,702
	(Hourly basis)	51,174	129,679,226	169,562,012	2,534	1.31	3,313
	Total	58,615	-	189,667,757	-	-	3,236
79.	Express Department	4,571	D 1,471,580	11,829,415	D 322	D 8.04	2,588
80.	Communication Department	7,775	18,664,715	18,107,632	2,401	0.97	2,329
81.	Employees Engaged in Outside Operations	6,713	16,975,625	13,523,339	2,529	0.80	2,015
	GRAND TOTAL .... (Daily basis)	41,913	D 13,151,983	117,493,031	D 314	D 8.93	2,803
	(Hourly basis)	148,050	366,330,726	394,561,764	2,474	1.08	2,665
	Total - 1948 (2)	189,963	-	512,054,795	-	-	2,696
82.	Total number of Female Employees (monthly Average)	10,099	-	-	-	-	-
83.	Total pay roll charged to operating expenses	-	-	464,532,696	-	-	-
84.	Pullman, Bridge and Tunnel Companies (Daily basis)	139	D 51,072	454,014	D 367	D 8.89	3,266
	(Hourly basis)	75	213,660	220,562	2,849	1.03	2,941
	Total	214	-	674,576	-	-	3,152

(1) Average of counts made each month

(2) Includes $7,632,569 for employees domiciled outside of Canada.

GOVERNMENT OF CANADA

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1949

UNIVERSITY OF TORONTO
DEPT. OF ...

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PUBLICATION

DOMINION BUREAU OF STATISTICS

DEPARTMENT OF TRADE AND COMMERCE

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PRELIMINARY REPORT

ON STATISTICS OF

STEAM RAILWAYS

1949

Operating revenues of Canadian railways during 1949 climbed to a record $894,397,264, a gain of some $18,565,000 or 2.1 p.c. over the previous high of $875,832,290 recorded for 1948. An interim increase of 8 p.c. in freight rates accorded on September 24th more than offset the removal of the Mountain Differential on April 25th, as well as reductions in revenue freight and passenger traffic from 1948 levels. Compared with revenues of $367,179,095 in 1939, the total for the year under review was nearly 2.44 times that earned in 1939. In a similar comparison the Net National Income of Canada for 1949 was double that for 1939, indicating that the railways are sharing more fully in the encouraging national development registered during the past decade. The advance of 2.1 p.c. in Canadian rail earnings contrasts with a decline of 11.9 p.c. from 1948 shown for Class 1 railways in the United States where strikes in coal and steel reduced freight movement and passenger receipts were down sharply.

Operating expenses again outstripped the increase in revenues and rose from $808,126,455 in 1948 to a record $831,456,446, up 2.9 p.c., or by nearly $23,330,000, as against the gain of $18,565,000 in operating revenues. Net operating revenues were consequently reduced from $67,705,835 in 1948 to $62,940,818 for 1949. Higher material costs were largely responsible for the proportionately greater increase in operating expenses. Price indexes for practically everything the railways use tended to average higher in 1949. The wholesale coal price index stood at 162.2 against 157.0 in 1948 on the 1926 = 100 base. Cement was up from 123.2 to 127.5. Building and construction materials rose from 195.7 to 201.5 while iron and non-ferrous metals and products advanced from 156.0 to 162.8. With a lower net, railway tax accruals eased from $19,695,531 to $18,160,336 and compare with $10,034,137 in 1939 when net operating revenues were $62,805,810. The percentage of the net going to railway tax accruals thus rose from nearly 16 p.c. in 1939 to 29 p.c. in 1949. Hire of equipment and joint facilities rentals were $14,221,664 for the year, down $625,964 from 1948.

The resulting net operating income for 1949 was $30,558,818, a reduction of $2,603,858 or 7.9 p.c. from the preceding year's net. Non-operating income, largely dividends and subsidiary earnings, was $39,632,404 for the year, off nearly $3 millions from the $42,612,827 shown for 1948. Interest payments on funded and unfunded debt were heavier at $66,688,037 compared with $65,901,400 in 1948. All other non-operating expenses increased from $12,169,840 to $15,948,905. The net corporate income for all Canadian railways was thus a deficit of $12,445,720 on 1949 operations compared with a debit of $2,295,737 in 1948, a worsening, despite record revenues, of nearly $10,150,000. Sixteen of the 32 railways reported deficits. The Canadian National lines with an interest burden of $46,122,028, had a deficit of $42,478,912 of which a portion was due to the addition of the Newfoundland lines where a deficit of $2,584,000 was shown in net operating revenues and to which must be added, taxes, interest and other charges.

The trend of net corporate income is illustrated by the following:

1939:	-	$27,298,993
1940:	+	3,759,598
1941:	+	40,403,934
1942:	+	73,288,955
1943:	+	84,062,527
1944:	+	61,691,665
1945:	+	51,941,093
1946:	+	13,212,314
1947:	+	18,149,697
1948:	-	2,295,737
1949:	-	12,445,720

During 1949 United States lines operating in Canada reported credits of $4,389,430 and debits of $1,842,445 or a net corporate income of $2,546,985 compared with $6,085,415 in 1948. The United States lines of the Canadian National System had a minor debit of $334 against one of $21,857 for 1948.

Single track mileage operated at the end of the year totalled nearly 42,979 miles, a net increase of 730 miles, due mainly to the incorporation of the Newfoundland Railway in the Canadian National System upon Confederation, April 1, 1949. Both revenue freight and passenger train mileages were reduced from 1948 levels, with the former down 2.1 p.c. and the latter 0.9 p.c.

Revenue freight tons carried during 1949, excluding duplications, declined 7.9 p.c. from 154,932,804 to 142,719,431 tons, but ton miles were down only 4.6 p.c., as average length of haul increased over 1948 to about 361 miles compared with 347 miles in the latter year.

Revenue passenger traffic continued the steady decline from the wartime peaks and 34,883,803 fares were reported for 1949, off 8.9 p.c. or 3,396,178 from the preceding year's total. Passenger mileage eased 8.2 p.c. in a similar comparison with average passenger journey little changed at 97 miles. The considerable advance of 11.7 p.c. in passenger motor car registrations over 1948, as well as increased motor bus competition, naturally affected railway passenger volume. There is one passenger motor car for every 8 persons in Canada and sufficient motor vehicles to lift the entire population at one time. This motorization of the economy over the past thirty years, as well as the advent of air travel, has offered increasing competition to the railways in the passenger field.

The ratio of loaded freight car miles to empty car miles registered a decline from 2.370 to 1 in 1948 to 2.223.

Table 3 classifies railway employees by divisions with their compensation and shows a total of 192,366 on the payroll, including some express, communication and outside operations staff, compared with 189,963 in 1948. The net increase of 2,403 was due mainly to the addition of Newfoundland personnel to the National System. Total salaries and wages reached $523,453,375, up $11,398,580 over the payments for 1948. Average annual earnings, covering all classes from water boy to executive, rose from $2,696 in 1948 to $2,721 and compare favourably with 1949 average earnings in other industries and services. The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not merely the count of all persons whose names appeared on the payrolls during the year. Thus, an employee working only half a year is counted as half an employee. Total payroll, however, is the total money paid, including retroactive pay, but is

exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies, services and pass privileges extended to employees. The express facilities of the Canadian Pacific Railway Company are separately incorporated and employees are not included with railway employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger systems four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

Average earnings of the general and miscellaneous group improved from $2,787 in 1948 to $2,865, up 2.8 p.c., while the number employed rose 355 to 26,835. Maintenance of way and structures employees earned an average of $2,224 compared with $2,187 one year earlier, and employees numbered 39,521, up 297 over 1948. Average hours worked declined from 2,530 to 2,480 and average hourly earnings were up from 86 to 89 cents, heavily weighted by labourers' rates, which class represented 46.4 p.c. of the total hourly rated employees in this group.

Employees engaged in maintenance of equipment earned an average of $2,615 against $2,562 in 1948 while numbers rose from 46,585 to 47,192, and average hourly rates were up 3 cents to $1.09. Transportation division employees averaged $3,191 compared with $3,236 in 1948, due to a drop in working hours from 2,534 to an average of 2,419 hours. Hourly rates were up from $1.31 to $1.35. Employees numbered 59,564 in this group compared with 58,615 in 1948 when Newfoundland lines were not included. Increases were also shown in the number of express and communication department employees while outside operations declined. Average earnings for all three classes were up over 1948. Female employees added 1 during the year to average 10,100. Total payroll charged to operating expenses was $473,340,736 compared with $464,532,696 one year earlier, to represent 92.4 p.c. of total payroll and nearly 57 p.c. of total operating expenses. Pullman, bridge and tunnel company employees received substantial wage increases over 1948.

Encouraging improvement was indicated over 1948 in the safety performance of the railways. No serious train collisions occurred during the year and only one passenger was killed, compared with 15 in 1948 and 34 in 1947 resulting from the movement of trains. Employee deaths numbered 52 against 76 in 1948 and 77 one year earlier in the same category. Passengers injured totalled 268 compared with 284 in 1948 while employees reported were 2,418, a decided betterment over the 2,906 suffering injuries in train movements during 1948. The improved record is all the more noteworthy considering the increase of 730 miles in single track mileage added by the entry of Newfoundland. Non-train accidents claimed the lives of 19 employees and 8 others compared with 23 and 10 respectively, in 1948. Injured were reduced in numbers in this class from 7,315 to 6,609 with employees numbering 6,376 against 7,074 for 1948. Time lost by employees through injuries reflected steadily better awareness of safety precautions and totalled 245,153 days compared with 259,057 days in 1948 despite the increase of 2,403 in the average number employed. Average time lost per employee was thus 1.27 days against 1.36 days in 1948 and 1.43 days in 1947.

Accidents at railway crossings took 153 lives compared with 141 in 1948. The number of motor vehicles registered increased 12.7 p.c. in the same comparison and motorists constituted the majority of crossing victims. Unprotected crossings set the scene for most fatalities. In addition 521 persons were seriously injured at crossings compared with 501 in 1948. The 1949 totals are subject to revision.

TABLE 1

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1949

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	6,939,360	6,426,239	513,121	78,713	Cr. 94,411
2.	Alma and Jonquieres	283,298	200,492	82,806	15,931	38,704
3.	British Yukon	747,044	526,094	220,950	8,811	-
4.	Canada Gulf and Terminal	311,687	244,976	66,711	4,428	23,262
5.	Canada Southern (Lessee N.Y.C.)	26,230,687	18,296,422	7,934,265	1,062,631	2,699,444
5A.	Canada Southern (Lessor)	-	-	-	45,382	-
6.	Canadian National	438,407,729	424,762,819	13,644,910	7,087,041	3,036,822
7.	Canadian Pacific	363,252,094	333,646,392	29,605,702	6,615,460	2,358,273
8.	Central Vermont	9,985	83,585	Dr. 73,600	1,513	580
9.	Chesapeake & Ohio (Pere Marquette Div.)	10,667,341	5,549,608	5,117,733	1,203,495	1,361,504
10.	Cumberland	204,737	254,537	Dr. 49,800	3,215	5,567
11.	Essex Terminal	631,425	394,883	236,542	101,284	14,293
12.	Great Northern	1,206,962	1,688,954	Dr. 481,992	200,205	Cr. 82,790
13.	Greater Winnipeg Water District	124,470	181,463	Dr. 56,993	-	2,776
14.	Hudson Bay	1,573,921	1,470,333	103,588	7,481	285,991
15.	Maine Central	21,628	30,765	Dr. 9,137	Cr. 1,056	220
16.	Maritime Coal, Railway and Power	117,444	81,282	36,162	9,140	19,665
17.	Midland Railway of Manitoba	655,110	772,121	Dr. 117,011	58,207	160,142
18.	Morrissey, Fernie and Michel	94,393	90,959	3,434	573	3,721
19.	Napierville Junction	1,142,516	762,071	380,445	41,609	205,115
20.	Northern Alberta	7,141,760	6,507,938	633,822	105,417	1,004,040
21.	Ontario Northland	10,640,363	9,665,388	974,975	8,920	Cr. 21,952
22.	Ottawa and New York	197,935	416,342	Dr. 218,407	31,963	28,101
23.	Pacific Great Eastern	1,903,339	2,497,164	Dr. 593,825	10,400	78,239
24.	Quebec Railway, Light and Power	966,168	882,893	83,275	19,016	34,298
25.	Roberval and Saguenay	2,265,711	968,631	1,297,080	374,950	79,249
26.	St. Lawrence and Adirondack	1,090,091	1,271,504	Dr. 181,413	41,492	248,896
27.	Sydney and Louisburg	2,311,245	1,899,393	411,852	9,979	511,646
28.	Temiscouata	330,186	325,831	4,355	4,368	16,039
29.	Thousand Islands	55,972	66,915	Dr. 10,943	619	-
30.	Toronto, Hamilton and Buffalo	4,947,228	3,195,238	1,751,990	597,847	53,354
31.	Toronto Terminals	871,432	1,890,761	Dr. 1,019,329	187,842	-
32.	Wabash (in Canada)	9,054,003	6,404,453	2,649,550	223,460	2,150,876
33.	Total - 1949	894,397,264	831,456,446	62,940,818	⁄ 18,160,336	14,221,664
34.	Total - 1948	875,832,290	808,126,455	67,705,835	⁄ 19,695,531	14,847,628
35.	Canadian National (Canada & U.S.)	500,723,386	478,501,660	22,221,726	11,192,273	5,482,636

⁄ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $46,711 in 1949, and $42,386 in 1948, which are classified as "Rents for Leased Roads" of the Chesapeake and Ohio Railway (Pere Marquette Division) and are included in "All Other Non-operating Expenses".

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1949

No.	Net Operating Income	Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	528,819	49,155	577,974	542,620	145,581	688,201	Dr. 110,227
2.	28,171	3,549	31,720	-	-	-	31,720
3.	212,139	-	212,139	111,221	10,899	122,120	90,019
4.	39,021	4,674	43,695	20,000	2,931	22,931	20,764
5.	4,172,190	41,879	4,214,069	1,749	2,175,082	2,176,831	2,037,238
5A.	Dr. 45,382	2,084,043	2,038,661	1,461,750	1,308	1,463,058	575,603
6.	3,521,047	¤ 7,600,200	11,121,247	∅ 46,122,028	7,478,131	53,600,159	Dr.42,478,912
7.	20,631,969	26,220,665	46,852,634	11,713,042	5,414,787	17,127,829	29,724,805
8.	Dr. 75,693	112,254	36,561	35,061	1,500	36,561	-
9.	2,552,734	Dr. 7,978	2,544,756	125,618	145,043	270,661	2,274,095
10.	Dr. 58,582	-	Dr. 58,582	-	-	-	Dr. 58,582
11.	120,965	51,666	172,631	13,800	-	13,800	158,831
12.	Dr. 599,407	134,947	Dr. 464,460	130,771	88,310	219,081	Dr. 683,541
13.	Dr. 59,769	-	Dr. 59,769	-	-	-	Dr. 59,769
14.	Dr. 189,884	471	Dr. 189,413	-	-	-	Dr. 189,413
15.	Dr. 8,301	-	Dr. 8,301	-	-	-	Dr. 8,301
16.	7,357	8,448	15,805	-	-	-	15,805
17.	Dr. 335,360	20,526	Dr. 314,834	-	29,071	29,071	Dr. 343,905
18.	Dr. 860	70	Dr. 790	-	-	-	Dr. 790
19.	133,721	64,321	198,042	10	48,217	48,227	149,815
20.	Dr. 475,635	460,189	Dr. 15,446	-	-	-	Dr. 15,446
21.	988,007	23,819	1,011,826	250,459	199	250,658	761,168
22.	Dr. 278,471	6,659	Dr. 271,812	11	2,672	2,683	Dr. 274,495
23.	Dr. 682,464	23,956	Dr. 658,508	4,637,242	19,199	4,656,441	Dr. 5,314,949
24.	29,961	6,125	36,086	-	-	-	36,086
25.	842,881	2,499	845,380	93,100	100	93,200	752,180
26.	Dr. 471,801	912	Dr. 470,889	48,989	20,626	69,615	Dr. 540,504
27.	Dr. 109,773	-	Dr. 109,773	-	-	-	Dr. 109,773
28.	Dr. 16,052	8,586	Dr. 7,466	-	-	-	Dr. 7,466
29.	Dr. 11,562	793	Dr. 10,769	-	-	-	Dr. 10,769
30.	1,100,789	110,423	1,211,212	68,417	87,899	156,316	1,054,896
31.	Dr.1,207,171	2,599,553	1,392,382	1,296,569	95,813	1,392,382	-
32.	275,214	-	275,214	15,580	181,537	197,117	78,097
33.	30,558,818	39,632,404	70,191,222	66,688,037	15,948,905	82,636,942	Dr.12,445,720
34.	33,162,676	42,612,827	75,775,503	65,901,400	12,169,840	78,071,240	Dr. 2,295,737
35.	5,546,817	6,071,344	11,618,161	46,434,928	7,662,479	54,097,407	Dr.42,479,246

∅ Includes $21,798,283 interest on Dominion Government Loans of $726,889,181.

¤ Includes net operating results of U. S. lines.

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1949

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-revenue Trains
		At December 31 /	Average during Year				
1.	Algoma Central and Hudson Bay	320.8	321.8	737,661	27,288	764,949	46,829
2.	Alma and Jonquieres	10.6	10.6	22,539	-	22,539	-
3.	British Yukon	90.3	90.3	48,856	6,462	55,318	1,302
4.	Canada and Gulf Terminal	36.2	36.2	20,000	51,080	71,080	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.1	1,449,663	1,433,441	2,883,104	34,964
6.	Canadian National	22,212.4	22,289.8	38,947,926	21,936,367	60,884,293	1,435,371
7.	Canadian Pacific	16,603.2	17,031.2	35,636,927	20,117,297	55,754,224	853,982
8.	Central Vermont	25.3	25.3	5,038	22,151	27,189	48
9.	Chesapeake & Ohio (Pere Marquette Div.)	198.8	318.9	826,260	-	826,260	1,904
10.	Cumberland	31.3	31.3	29,759	-	29,759	-
11.	Essex Terminal	21.3	21.3	20,145	-	20,145	-
12.	Great Northern	140.8	147.8	63,177	73,200	136,377	6,303
13.	Greater Winnipeg Water District	92.0	92.0	30,043	-	30,043	-
14.	Hudson Bay	510.1	510.1	242,634	4,080	246,714	16,368
14A.	International Bridge and Terminal	1.1	-	-	-	-	-
15.	Maine Central	5.1	5.1	3,784	-	3,784	60
16.	Maritime Coal, Railway and Power	12.2	12.0	13,918	1,080	14,998	-
17.	Midland Railway of Manitoba	5.7	75.5	51,634	97,592	149,226	-
18.	Morrissey, Fernie and Michel	4.8	4.8	9,332	6,999	16,331	-
19.	Napierville Junction	27.1	41.7	46,304	97,190	143,494	247
20.	Northern Alberta	923.0	927.9	811,613	396,575	1,208,188	52,020
21.	Ontario Northland	573.7	574.3	959,085	574,369	1,533,454	42,655
22.	Ottawa and New York	57.3	58.0	36,580	36,934	73,514	-
23.	Pacific Great Eastern	349.8	347.0	202,349	109,057	311,406	20,796
24.	Quebec Railway, Light and Power	25.7	25.0	33,778	342,320	376,098	744
25.	Roberval and Saguenay	29.0	29.0	104,310	-	104,310	62
26.	St. Lawrence and Adirondack	46.5	60.9	83,304	121,306	204,610	312
27.	Sydney and Louisburg	70.3	70.3	123,347	34,936	158,283	-
28.	Temiscouata	101.1	113.0	64,601	13,680	78,281	2,152
29.	Thousand Islands	4.5	4.5	4,950	14,517	19,467	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	169,438	162,088	331,526	3,770
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31A.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	849,098	-	849,098	-
33.	Total - 1949	42,978.7	44,005.6	81,648,053	45,680,009	127,328,062	2,519,889
34.	Total - 1948	42,248.3	43,448.8	83,398,617	46,101,568	129,500,185	3,008,015
35.	Canadian National (Canada and U.S.)	23,827.9	23,902.0	43,160,657	23,740,378	66,901,035	1,491,904

/ Track operated under trackage rights excluded.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1949

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,300,027	336,378,701	54,702	4,543,801	8,238,489	5,129,024	621,965	2/ 14,844,337	557,431
2.	393,174	4,324,914	41	451	141,943	132,465	-	274,408	2,002
3.	46,752	4,120,325	17,539	1,056,653	337,808	245,897	1,230	584,985	172,599
4.	166,410	5,137,173	53,169	1,123,616	339,320	108,901	20,000	468,221	113,240
5.	8,832,243	1,277,896,253	1,037,406	155,913,025	58,843,026	32,911,554	1,501,339	93,255,919	17,726,453
6.	65,303,758	27,529,332,000	17,494,105	1,507,466,000	1,034,094,532	430,798,912	40,233,239	1,505,126,683	198,371,734
7.	56,445,684	24,321,589,000	11,969,457	1,389,395,000	875,443,029	415,658,281	38,048,562	1,327,149,872	176,751,470
8.	18,668	270,925	7,036	130,700	13,756	17,617	5,086	36,459	27,551
9.	4,220,105	726,112,095	-	-	27,070,398	13,133,724	838,786	41,042,908	27,936
10.	524,561	2,998,237	559	9,391	48,800	48,800	6,719	104,319	23,234
11.	1,096,451	5,482,255	-	-	241,330	162,315	19,400	423,045	-
12.	632,816	20,495,001	140,846	4,736,972	766,473	540,054	63,713	1,370,240	466,193
13.	143,649	-	8,363	446,033	-	-	-	-	22,570
14.	251,065	119,971,101	21,067	5,958,439	3,637,742	2,875,349	263,893	6,776,984	784,161
14A.	-	-	-	-	-	-	-	-	-
15.	226,710	1,156,221	-	-	34,310	30,590	4,166	69,066	-
16.	134,366	1,407,711	3,271	22,218	47,937	35,493	-	83,430	1,080
17.	170,954	12,137,734	73,269	4,309,580	657,936	469,319	53,967	1,181,222	691,726
18.	311,009	1,505,284	168,700	816,508	33,449	33,449	-	66,898	20,997
19.	1,990,844	53,642,855	281,689	11,118,218	1,387,696	1,040,682	46,412	2,474,790	884,908
20.	1,268,774	349,124,080	161,402	16,974,081	14,942,166	6,674,421	793,840	22,410,427	3,019,937
21.	2,316,284	477,643,641	329,609	38,575,724	19,015,997	9,478,391	959,085	29,453,473	4,262,764
22.	163,075	7,158,059	26,885	701,076	211,841	226,855	36,580	475,276	113,577
23.	239,237	50,923,402	59,127	3,917,676	2,024,748	1,111,827	183,827	3,320,402	738,010
24.	433,669	9,342,755	2,094,010	21,015,796	349,378	257,102	32,016	638,496	703,655
25.	2,537,489	49,517,760	129	2,590	918,513	855,418	72,167	1,846,098	11,772
26.	928,007	30,646,119	401,132	8,034,967	1,012,318	1,102,827	83,312	2,198,457	573,600
27.	4,079,164	50,991,836	8,372	138,086	1,184,428	1,177,095	94,167	2,455,690	132,118
28.	135,286	4,944,689	3,525	130,934	227,821	138,048	31,349	397,218	69,657
29.	1/	151,423	5,453	24,593	12,110	4,660	-	16,770	14,517
30.	3,565,201	133,851,703	462,940	16,612,209	3,802,414	1,993,694	167,352	5,963,460	1,082,290
31.	-	-	-	-	-	-	-	-	-
31A.	-	-	-	-	-	-	-	-	-
32.	3,416,794	749,977,745	1/	1/	31,079,416	11,367,459	820,057	43,266,932	54,047
33.	3/142,719,431	56,338,230,997	34,883,803	3,193,174,337	2,084,159,124	937,760,223	85,002,279	3,107,776,485	407,421,229
34.	3/154,932,804	59,080,323,337	38,279,981	3,477,273,260	2,144,892,938	905,255,224	87,197,972	3,138,717,607	410,689,409
35.	76,845,970	30,921,807,529	18,678,371	1,620,839,960	1,159,626,726	500,419,392	43,334,539	1,706,613,122	214,207,457

1/ Included with Canadian National.

2/ Includes 854,859 miles in non-revenue service - undistributed.

3/ Duplications excluded.

Table 3

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1949

No.	Division	Average Number of Employees (1)	Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages	
						Per Hour (D - Days)	Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	590	D 179,857	5,441,587	D 305	D 30.26	9,223
2.	Division Officers	1,111	D 346,585	5,650,584	D 312	D 16.30	5,086
3.	Assistant Engineers and Draftsmen	861	D 263,852	2,837,632	D 306	D 10.75	3,296
4.	Other Miscellaneous Officials	1,450	D 442,194	6,125,535	D 305	D 13.85	4,225
5.	Clerks	19,591	D 5,998,207	50,694,962	D 306	D 8.45	2,588
6.	Telephone Switchboard Operators	247	D 70,775	484,201	D 287	D 6.84	1,960
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,880	D 557,399	3,514,024	D 296	D 6.30	1,869
8.	Janitors and Cleaners	1,105	D 327,308	2,120,516	D 296	D 6.49	1,919
	Total ..... (Daily basis)	26,835	D 8,186,177	76,869,041	D 305	D 9.39	2,865
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	577	D 181,237	1,719,977	D 314	D 9.49	2,981
10.	Carpenters and Bridgemen	2,618	6,365,797	6,591,613	2,432	1.04	2,518
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	410	1,039,093	1,232,268	2,534	1.19	3,006
12.	Masons, Bricklayers, Plasterers and Painters	494	1,185,984	1,269,848	2,401	1.07	2,571
13.	Helpers, B. and B. Department	475	1,142,157	1,077,077	2,405	0.94	2,268
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	750	2,112,934	2,400,826	2,817	1.14	3,201
16.	Pumpmen	369	1,019,956	970,701	2,764	0.95	2,631
17.	Extra Gang and Snow Plough Foremen	464	1,161,098	1,396,521	2,502	1.20	3,010
18.	Signal Foremen	59	D 18,455	249,628	D 313	D 13.53	4,231
19.	Section Foremen	6,110	15,813,741	16,437,029	2,588	1.04	2,690
20.	Sectionmen	18,039	44,148,484	38,570,342	2,447	0.87	2,138
21.	Labourers	8,290	20,161,836	13,380,429	2,432	0.66	1,614
22.	Foremen, Linemen	38	D 13,249	144,511	D 349	D 10.91	3,803
23.	Telegraph and Telephone Linemen and Groundmen	71	153,322	183,210	2,159	1.19	2,580
24.	Signal and Interlocker Maintainers and Repairmen	757	2,038,192	2,251,956	2,692	1.10	2,975
	Total ..... (Daily basis)	674	D 212,941	2,114,116	D 316	D 9.93	3,137
	(Hourly basis)	38,847	96,342,594	85,761,820	2,480	0.89	2,208
	Total	39,521	-	87,875,936	-	-	2,224
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	99	D 28,618	399,664	D 289	D 13.97	4,037
26.	Department and Gang Foremen	2,709	D 859,470	9,777,591	D 317	D 11.38	3,609
27.	Blacksmiths	748	1,690,858	2,113,762	2,261	1.25	2,826
28.	Boilermakers	1,516	3,462,816	4,381,043	2,284	1.27	2,890
29.	Carmen (A)	2,760	6,192,147	7,843,645	2,244	1.27	2,842
30.	Carmen (B)	582	1,293,339	1,634,546	2,222	1.26	2,808
31.	Carmen (C)	7,415	17,747,430	21,058,463	2,393	1.19	2,840
32.	Carmen (D)	240	519,510	628,318	2,165	1.21	2,618
33.	Electrical Workers	1,214	2,910,312	3,566,653	2,397	1.23	2,938
34.	Machinists	5,447	12,684,411	15,836,308	2,329	1.25	2,907
35.	Moulders	135	299,036	381,734	2,215	1.28	2,828
36.	Pipe Fitters and Sheet Metal Workers	1,519	3,405,532	4,334,650	2,242	1.27	2,854
37.	Helpers to Mechanics	9,672	22,634,680	23,158,222	2,340	1.02	2,394
38.	Helper Apprentices	33	68,039	66,449	2,062	0.98	2,014
39.	Regular Apprentices	2,112	4,645,422	4,620,214	2,200	0.99	2,188

40.	Car Cleaners	2,059	5,088,394	4,475,652	2,471	0.88	2,174
41.	Other Unskilled Employees	4,757	11,646,223	10,413,206	2,448	0.89	2,189
42.	Unclassified Labourers	3,360	7,593,916	6,526,231	2,260	0.86	1,942
43.	Stationary Engineers, Firemen and Oilers	815	2,102,029	2,193,434	2,579	1.04	2,691
	Total ..... (Daily basis)	2,808	D 888,088	10,177,255	D 316	D 11.46	3,624
	(Hourly basis)	44,384	103,984,094	113,232,530	2,343	1.09	2,551
	Total	47,192	-	123,409,821	-	-	2,615
	TRANSPORTATION						
44.	Inspectors and Sergeants of Police	217	D 65,876	761,060	D 306	D 11.55	3,507
45.	Constables and Policemen	761	D 230,891	2,098,144	D 303	D 9.09	2,757
46.	Storekeepers	268	D 82,697	852,883	D 309	D 10.31	3,182
47.	Storemen	2,183	4,993,610	4,769,435	2,287	0.96	2,185
48.	Train Despatchers and Traffic Supervisors	642	1,603,189	2,881,664	2,497	1.80	4,489
49.	Supervisory Agents and Assistants	566	1,426,932	1,978,414	2,521	1.39	3,495
50.	Station Agents Non-telegraphers (small station)	151	368,294	319,627	2,439	0.87	2,117
51.	Station Agents, Telegraphers and Telephoners	6,038	15,445,524	18,445,755	2,558	1.19	3,055
52.	Signalmen (Non-telegraphers) at Interlockers	232	581,229	617,147	2,505	1.06	2,660
53.	Foremen in Freight Sheds	580	1,388,632	1,629,906	2,394	1.17	2,810
54.	Freight Handlers and other Station Employees	7,255	16,444,310	15,746,662	2,267	0.96	2,170
55.	Labourers	1,067	2,612,554	2,292,999	2,449	0.88	2,149
56.	Dining Car and Restaurant Inspectors, Conductors & Stewards	348	D 113,084	1,084,547	D 325	D 9.59	3,117
57.	Dining Car and Restaurant Helpers & Attendants	2,238	D 691,268	4,726,871	D 309	D 6.84	2,112
58.	News Agents	197	D 57,315	389,623	D 291	D 6.80	1,978
59.	Floating Equipment Employees	1,422	3,253,792	2,751,469	2,288	0.85	1,935
60.	Sleeping and Parlour Car Inspectors and Conductors	250	D 82,095	791,558	D 328	D 9.64	3,166
61.	Sleeping and Parlour Car Porters	1,375	D 446,435	3,120,542	D 325	D 6.99	2,269
62.	Drawbridge Operators	102	273,426	286,067	2,681	1.05	2,805
63.	Signal or Watchmen at Crossings, non-interlocked	539	1,426,886	1,200,455	2,647	0.84	2,227
64.	Yardmasters and Assistants	713	D 219,164	2,841,611	D 307	D 12.97	3,985
65.	Switch Tenders	398	D 137,271	1,137,555	D 345	D 8.29	2,858
66.	Hostlers	682	D 233,903	2,124,431	D 343	D 9.08	3,115
67.	Road Passenger Conductors	862	2,092,149	4,015,821	2,427	1.92	4,659
68.	Road Freight Conductors	2,710	7,226,761	12,190,023	2,667	1.69	4,498
69.	Road Passenger Brakemen, Baggagemen and Flagmen	2,009	4,674,522	7,291,288	2,327	1.56	3,629
70.	Road Freight Brakemen and Flagmen	6,446	14,572,515	21,013,325	2,261	1.44	3,260
71.	Yard Conductors and Yard Foremen	1,819	4,896,933	6,733,244	2,692	1.37	3,702
72.	Yard Brakemen and Helpers	4,225	10,234,291	12,879,334	2,422	1.26	3,048
73.	Road Passenger Engineers and Motormen	1,085	2,375,752	5,908,301	2,190	2.49	5,445
74.	Road Freight Engineers and Motormen	3,589	9,020,073	16,402,625	2,513	1.82	4,570
75.	Yard Engineers and Motormen	1,745	4,943,770	6,851,698	2,833	1.39	3,926
76.	Road Passenger Firemen and Helpers	1,075	2,262,332	4,866,674	2,104	2.15	4,527
77.	Road Freight Firemen and Helpers	3,970	9,053,474	13,497,988	2,280	1.49	3,400
78.	Yard Firemen and Helpers	1,805	4,889,856	5,582,823	2,709	1.14	3,093
	Total ..... (Daily basis)	7,447	D 2,359,999	19,928,825	D 317	D 8.44	2,676
	(Hourly basis)	52,117	126,060,806	170,152,744	2,419	1.35	3,265
	Total	59,564	-	190,081,569	-	-	3,191
79.	Express Department	4,730	D 1,528,608	12,717,556	D 323	D 8.32	2,689
80.	Communication Department	8,076	19,237,431	19,168,808	2,382	1.00	2,374
81.	Employees Engaged in Outside Operations	6,448	15,812,558	13,330,680	2,452	0.84	2,067
	GRAND TOTAL .... (Daily basis)	42,494	13,175,813	121,806,793	D 310	D 9.24	2,866
	(Hourly basis)	149,872	361,437,483	401,646,582	2,412	1.11	2,680
	Total - 1949 (2)	192,366	-	523,453,375	-	-	2,721
82.	Total number of Female Employees (monthly average)	10,100	-	-	-	-	-
83.	Total payroll charged to operating expenses	-	-	473,340,736	-	-	-
84.	Pullman, Bridge and Tunnel Companies (Daily basis)	142	D 51,629	498,686	D 364	D 9.66	3,512
	(Hourly basis)	78	221,684	249,287	2,842	1.12	3,196
	Total	220	-	747,973	-	-	3,400

(1) Average of counts made each month.

(2) Includes $7,881,930 for employees domiciled outside of Canada.

TRANSP & PUB-UTIL FILE

GOVERNMENT OF CANADA

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1950

A D.B.S. PUBLICATION

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL ECONOMY

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DEPARTMENT OF TRADE AND COMMERCE

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PRELIMINARY REPORT
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Canadian railways earned a new record of $958,985,751 during 1950 for an increase of $64,588,487 or 7.2 p.c. over the previous peak of $894,397,264 attained in 1949. This maximum was attained despite a unique nation-wide nine-day strike from August 22nd to August 30th inclusive, which was terminated by legislative action introduced in a special session of Parliament. Wage increases and a forty-hour five-day work week were granted employees with the five-day week effective June 1, 1951. By order of the Board of Transport Commissioners, Order 74034, a 16 p.c. increase in freight rates was accorded to the railways on March 23, 1950, and increased to 20 p.c. by Order 74512 dated June 16, 1950. An interim 8 p.c. increase had been conceded on October 11th of 1949. Compared with operating revenues of $429,142,659 in 1940, the current record was two and a quarter times that ten years earlier. The entry of Newfoundland, plus greatly enhanced national production in the interim along with substantially higher rates, contributed to the spectacular advance in rail revenues. Class 1 railways in the United States reported a gain of 10.4 p.c. in 1950 operating revenues over the 1949 total which had been adversely affected by coal and steel strikes. With the addition of earnings on United States lines of the Canadian National Railways, total Canadian rail revenues approached a whopping $1,034,000,000. Expenses of operation were held to a minor increase, and while a new record at $833,726,562, were up only $2,270,116 or 0.3 p.c. over the previous peak of $831,456,446 attained in 1949. Net operating revenues were consequently nearly double the preceding year, rising from $62,940,818 to $125,259,189. Railway tax accruals advanced to $32,276,513 from $18,160,336 in 1949 for a boost of 77.8 p.c., and were higher than the war years 1945, 1941 or 1940. Federal income and excess profit taxes rose from $2,833,028 to $15,298,928 on the strength of a more prosperous year while municipal taxes, climbing steadily, reached $9,437,787, up from $8,313,096 in 1949 and compare with $5,143,659 in 1940. The percentage of net railway operating revenues going to taxes during 1950 was 25.8 p.c. against 28.9 p.c. in 1949 and 15.5 p.c. in 1940. Debits for hire of equipment and joint facilities rents eased $1,564,000 to $12,657,673 as faster car interchange was achieved. Freight cars in service at year end decreased 2,017 to 175,197.

Operating income for 1950 was an encouraging $80,325,003, representing an increase of $49,766,185 or 162.9 p.c. over the preceding year at $30,558,818, and indicated that the industry as a whole had garnered more than sufficient to meet all interest and other firm commitments. The year's total was the best since 1945 at $102,329,046. Non-operating income, mainly dividends and earnings from subsidiaries, totalled $46,790,017, up $7,157,613 from the $39,632,404 reported for 1949. Interest payments during 1950 on funded and unfunded debt were lighter by $828,578 at $65,859,459 and compare very favourably with $79,786,267, the interest bill for 1940. Wartime prosperity and lower interest rates on refunded issues afforded the railways the opportunity to substantially reduce their annual interest burden from pre-war levels. Railway capital in stocks and funded debt, however, has been raised from $3,380,035,172 in 1940 to $3,475,808,310 in 1950. Capital expenditures for new equipment and road improvements have been substantial over the past three years. The miscellaneous "all other" non-operating expense item was lower in 1950

at $12,897,689 against $15,948,905 in 1949, a drop of $3,051,216. Total non-operating expenses were thus down nearly $3,879,800 to $78,757,148.

The net corporate income of the industry for 1950 was $48,357,872 compared with a loss of $12,445,720 in 1949, a deficiency of $2,295,737 in 1948 and a credit of $18,149,697 in 1947. This was the best showing of any year since 1945 when the net corporate income for all Canadian railways was $51,941,093 and compares with the wartime peak of $84,062,527 attained in 1943. In 1940 net corporate income was only $3,759,598. The Canadian National lines in Canada with an interest burden of $45,808,583 (and carrying the Newfoundland and Temiscouata) had a minor corporate deficit of $3,245,458 against $42,478,912 in 1949 and $33,816,939 in 1948. For the Newfoundland district the year's deficit in net operating revenues alone was $2,849,271.

The trend of net corporate income for all railways is illustrated by the following:

1939:	-	$27,298,993
1940:	+	3,759,598
1941:	+	40,403,934
1942:	+	73,288,955
1943:	+	84,062,527
1944:	+	61,691,665
1945:	+	51,941,093
1946:	+	13,212,314
1947:	+	18,149,697
1948:	-	2,295,737
1949:	-	12,445,720
1950:	+	48,357,872

During the year segments of United States lines operated in Canada showed credits of $6,269,179 and debits of $1,623,295 or a net corporate income of $4,645,884 compared with $2,546,985 in 1949. The United States lines of the Canadian National System had a corporate deficit of $91,621 against only $334 in 1949 and one of $21,857 for 1948.

Single track mileage operated at the end of the year was unchanged at 42,978 miles. Partly due to the rail strike, both revenue freight and passenger train mileages were reduced from 1949 levels with freight down 0.3 p.c., and the latter 4.2 p.c.

Revenue freight tonnage carried during the year, excluding duplications, increased 1.1 p.c. from 142,719,431 to 144,218,319 tons but ton miles eased 1.4 p.c., with average length of haul declining from a revised 394.7 miles in 1949 to about 385.1 miles in 1950 or by 2.5 p.c. Passenger traffic continued the steady decline from the high wartime levels and 31,139,092 fares were reported for 1950, off 10.7 p.c. or 3,744,711 from the 1949 total. The August strike abetted the decrease, coming at a time of normally heavy tourist traffic. Passenger mileage dropped 11.8 p.c., with average journey little changed at 97 miles. The sizeable advance of 14 p.c. in passenger automobile registrations over 1949 as well as increased motor bus and airline competition affected railway travel volume. There is currently one passenger motor car for every 7 persons in Canada and sufficient motorized transport to lift the entire population at one time. The ratio of loaded freight car miles to empty mileage improved from 2.223 to 1 in 1949 to 2.309. Operating performance during the year was adversely affected by serious floods in various sections which necessitated heavy repair and maintenance expenditures. Western winter temperatures were much below normal lows. Icing, snow and rock slides occurred in British Columbia. A shortage of American coal in the first ten weeks of the year curtailed passenger train services in the East.

Table 3 presents a classification of railway employees and their earnings by divisions and shows a total of 190,385 on the payroll, including some express, communications and outside operations personnel. This compares with 192,366 in 1949 for a decrease of 1,981. Payroll data showed the effect of the nine-day strike. Total salaries and wages at $523,008,515 were down $444,860 from 1949. The strike cost employees probably $9,300,000 in lost earnings for the idle period. Average annual earnings, however, covering all classes from water boy to president increased from $2,721 in 1949 to $2,747 in 1950. The average for 1940 having been $1,581, an increase of about 74 p.c. is indicated.

The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not merely the count of all persons whose names appeared on the payrolls during the year. Thus, an employee working only half a year is counted as half an employee. Total payroll, however, is the total money paid, including retroactive pay, but is exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies, services and pass privileges extended to employees. The express facilities of the Canadian Pacific Railway Company are separately incorporated and employees are not included with railway employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger lines two or four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

Average earnings of the general and miscellaneous group improved from $2,865 in 1949 to $2,926, up 2.1 p.c., while the number employed declined 239 to 26,596. Maintenance of way and structures employees earned an average of $2,254 compared with $2,224 one year earlier, and employees numbered 39,175, down 346 from 1949. Average hours worked declined from 2,480 to 2,453 and average hourly earnings were up from 89 to 91 cents, heavily weighted by labourers' rates, which class represented 46.8 p.c. of the total hourly-rated employees in this group.

Employees engaged in maintenance of equipment earned an average of $2,612 against $2,615 in 1949 while numbers declined from 47,192 to 46,857, but average hourly rates were up 2 cents to $1.11. Transportation division employees averaged $3,223 compared with $3,191 in 1949, and working hours eased from 2,419 to an average of 2,405 hours. Hourly rates were up from $1.35 to $1.37. Employees numbered 58,560 in this group compared with 59,564 in 1949. Increases were shown in the number of express and communication department employees while outside operations declined. Average earnings for the last two classes were up over 1949. Female employees dropped 342 in number during the year to average 9,758. Total payroll charged to operating expenses was $477,249,669 compared with $473,340,736 one year earlier, to represent 91.3 p.c. of total payroll and over 57 p.c. of total operating expenses. Daily rated pullman, bridge and tunnel company employees received small wage increases over 1949.

The safety performance of the railways during the year was marred by a troop train collision in British Columbia on November 21st, which accounted largely for the increase in passengers killed. There were 18 passenger fatalities during 1950 against only 1 in 1949 and 15 in 1948. Employee deaths numbered 54 compared with 52 in the preceding year and 76 one year earlier. Injured passengers totalled 262 versus 268 in 1949 while employees reported were 2,244, a continued improvement over the 2,418 suffering injuries in train movements during 1949, and 2,906 in 1948 when mileage operated was less. Non-train accidents took the lives of 13 employees and 5 others compared with 19 and 8 respectively in 1949, and 23 and 10 in 1948.

The number injured in non-train accidents was substantially reduced from 6,609 in 1949 to 6,051, whereas the 1948 total had been 7,315. Safety programs are paying dividends as illustrated by the reduction in time lost by employees through injuries. A total of 225,795 days were lost during 1950 against 245,153 days in 1949 and 259,057 days in 1948. Average time lost due to injuries was thus 1.19 days per employee compared to 1.27 days in 1949, 1.36 in 1948 and 1.43 days in 1947.

Accidents at railway-highway crossings took 141 lives during 1950, little changed from 140 in 1949, 141 in 1948 and 151 in 1947. Motorists constituted the bulk of the victims. Motor vehicle registrations in Canada rose 13.5 p.c. over 1949 so that, while the carnage continues, some relative betterment per competitive vehicle is indicated. Unprotected crossings again set the scene for most fatalities - nearly 79 p.c. In addition, 478 persons were seriously injured at crossings compared with 490 in 1949 and 501 in 1948. Highway crossings numbered 32,735, of which 3,292 were protected.

TABLE 1 INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1950

No.	Name of Railway	Total Operating Revenue	Total Operating Expenses	Net Operating Revenue	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		$	$	$	$	$
1.	Algoma Central and Hudson Bay	7,721,733	6,654,438	1,067,295	321,611	Cr. 137,584
2.	Alma and Jonquieres	305,048	190,297	114,751	33,468	37,652
3.	British Yukon	813,085	567,325	245,760	39,512	-
4.	Canada Gulf and Terminal	350,697	257,662	93,035	3,539	31,640
5.	Canada Southern (Lessee N.Y.C.)	28,828,944	19,079,060	9,749,884	2,228,089	3,508,274
5A	Canada Southern (Lessor)	-	-	-	37,611	-
6.	Canadian National	478,872,047	436,022,347	42,849,700	7,659,261	3,051,535
7.	Canadian Pacific	378,576,688	323,711,953	54,864,735	17,226,607	Cr. 382,229
8.	Central Vermont	126,132	121,739	4,393	1,618	5,018
9.	Chesapeake & Ohio (Pere Marquette Dist.)	12,090,324	5,684,780	6,405,544	1,866,776	1,383,728
10.	Cumberland	227,882	285,509	Dr. 57,627	3,516	6,309
11.	Essex Terminal	736,580	468,569	268,011	107,859	29,960
12.	Great Northern	1,372,552	1,642,274	Dr. 269,722	199,241	Cr. 87,251
13.	Greater Winnipeg Water District	209,082	216,457	Dr. 7,375	-	6,230
14.	Hudson Bay	1,843,406	1,707,160	136,246	12,718	365,861
15.	Maine Central	19,298	19,431	Dr. 133	Cr. 352	Cr. 3
16.	Maritime Coal, Railway and Power	118,671	83,959	34,712	8,082	20,747
17.	Midland Railway of Manitoba	648,389	806,072	Dr. 157,683	56,337	165,194
18.	Morrissey, Fernie and Michel	87,238	80,504	6,734	1,679	-
19.	Napierville Junction	1,130,465	773,983	356,482	79,786	199,265
20.	Northern Alberta	7,378,469	6,231,047	1,147,422	112,322	1,105,519
21.	Ontario Northland	11,414,514	9,478,633	1,935,881	12,068	42,623
22.	Ottawa and New York	246,024	400,696	Dr. 154,672	36,194	41,071
23.	Pacific Great Eastern	2,004,354	2,422,055	Dr. 417,701	12,056	103,644
24.	Quebec Railway, Light and Power	965,246	810,923	154,323	20,788	34,411
25.	Roberval and Saguenay	2,587,213	865,020	1,722,193	546,139	96,725
26.	St. Lawrence and Adirondack	1,184,067	1,268,906	Dr. 84,839	36,042	248,968
27.	Sydney and Louisburg	2,665,637	1,989,269	676,368	122,827	392,708
28.	Thousand Islands	58,455	57,958	497	649	-
29.	Toronto, Hamilton and Buffalo	5,151,663	2,990,769	2,160,894	859,751	Cr. 87,622
30.	Toronto Terminals	865,794	1,857,383	Dr. 991,589	217,580	Cr. 7
31.	Wabash (in Canada)	10,386,054	6,980,384	3,405,670	413,139	2,475,287
32.	Total 1950	958,985,751	833,726,562	125,259,189	32,276,513	12,657,673
33.	Total 1949	894,397,264	831,456,446	62,940,818	18,160,336	14,221,664
34.	Canadian National (Canada & U.S.)	553,831,581	493,997,079	59,834,502	11,944,611	7,445,561

/ Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to $42,577 in 1950, and $46,711 in 1949, which are classified as "Rents for Leased Roads" of the Chesapeake and Ohio Railway (Pere Marquette District) and are included in "All other Non-operating Expenses".

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1950

No.	Net Operating Income	Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
	$	$	$	$	$	$	$
1.	883,268	64,951	948,219	546,647	123,419	670,066	278,153
2.	43,631	3,517	47,148	-	-	-	47,148
3.	206,248	-	206,248	111,222	54,744	165,966	40,282
4.	57,856	4,849	62,705	20,000	9,938	29,938	32,767
5.	4,013,521	216,039	4,229,560	4,104	1,913,155	1,917,259	2,312,301
5A	Dr. 37,611	2,114,023	2,076,412	1,461,750	2,433	1,464,183	612,229
6.	32,138,904	*14,879,836	47,018,740	ϕ45,808,583	4,455,615	50,264,198	Dr. 3,245,458
7.	38,020,357	26,091,572	64,111,929	10,858,421	5,386,497	16,244,918	47,867,011
8.	Dr. 2,243	37,918	35,675	35,016	659	35,675	-
9.	3,155,040	24,399	3,179,439	125,618	47,296	172,914	3,006,525
10.	Dr. 67,452	-	Dr. 67,452	-	-	-	Dr. 67,452
11.	130,192	22,121	152,313	13,800	-	13,800	138,513
12.	Dr. 381,712	143,908	Dr. 237,804	130,561	199,881	330,442	Dr. 568,246
13.	Dr. 13,605	-	Dr. 13,605	-	-	-	Dr. 13,605
14.	Dr. 242,333	602	Dr. 241,731	-	-	-	Dr. 241,731
15.	222	-	222	-	-	-	222
16.	5,883	6,826	12,709	-	-	-	12,709
17.	Dr. 379,214	31,241	Dr. 347,973	-	55,777	55,777	Dr. 403,750
18.	5,055	9	5,064	-	3,400	3,400	1,664
19.	77,431	123,042	200,473	16	130,652	130,668	69,805
20.	Dr. 70,419	58,769	Dr. 11,650	-	150	150	Dr. 11,800
21.	1,881,190	62,106	1,943,296	293,226	202	293,428	1,649,868
22.	Dr. 231,937	4,167	Dr. 227,770	28	1,057	1,085	Dr. 228,855
23.	Dr. 533,401	23,197	Dr. 510,204	4,931,152	20,748	4,951,900	Dr. 5,462,104
24.	99,124	7,241	106,365	-	-	-	106,365
25.	1,079,329	9,617	1,088,946	85,258	101	85,359	1,003,587
26.	Dr. 369,849	7,390	Dr. 362,459	49,063	10,922	59,985	Dr. 422,444
27.	160,833	-	160,833	-	-	-	160,833
28.	Dr. 152	564	412	-	-	-	412
29.	1,388,765	283,435	1,672,200	89,494	237,907	327,401	1,344,799
30.	Dr.1,209,162	2,565,641	1,356,479	1,295,500	60,979	1,356,479	-
31.	517,244	3,037	520,281	-	182,157	182,157	338,124
32.	80,325,003	46,790,017	127,115,020	65,859,459	12,897,689	78,757,148	48,357,872
33.	30,558,818	39,632,404	70,191,222	66,688,037	15,948,905	82,636,942	Dr. 12,445,720
34.	40,444,330	6,860,679	47,305,009	45,994,289	4,647,799	50,642,088	Dr. 3,337,079

ϕ Includes $21,658,849 interest on Government Loans of $723,075,533.
* Includes net operating results-United States Lines.

TABLE 2 TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1950

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-Revenue Trains
		At Dec. 31 ϕ	Average during Year				
1.	Algoma Central and Hudson Bay	320.8	321.8	713,774	102,863	816,637	39,173
2.	Alma and Jonquieres	10.6	13.6	22,583	-	22,583	-
3.	British Yukon	90.3	90.3	49,736	5,614	55,350	1,417
4.	Canada and Gulf Terminal	36.2	36.2	19,218	48,960	68,178	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.1	1,467,262	1,360,374	2,827,636	41,439
6.	Canadian National	22,317.9	22,516.1	40,751,841	20,646,422	61,398,263	1,571,474
7.	Canadian Pacific	16,596.5	17,018.6	33,426,482	19,601,491	53,027,973	814,710
8.	Central Vermont	25.3	25.3	11,004	18,792	29,796	46
9.	Chesapeake & Ohio (Pere Marquette Dist.)	198.8	318.9	943,623	-	943,623	4,776
10.	Cumberland	31.3	31.3	28,906	-	28,906	-
11.	Essex Terminal	21.3	21.3	23,555	-	23,555	-
12.	Great Northern	140.8	147.8	67,050	87,017	154,067	5,276
13.	Greater Winnipeg Water District	92.0	92.0	49,459	-	49,459	-
14.	Hudson Bay	510.1	510.1	302,372	4,080	306,452	22,470
14A	International Bridge and Terminal	1.1	-	-	-	-	-
15.	Maine Central	5.1	5.1	3,303	-	3,303	38
16.	Maritime Coal, Railway and Power	12.2	12.0	13,380	1,164	14,544	-
17.	Midland Railway of Manitoba	5.7	75.5	45,140	84,170	129,310	-
18.	Morrissey, Fernie and Michel	4.8	4.8	6,844	5,866	12,710	-
19.	Napierville Junction	27.1	41.7	42,530	91,333	133,863	1,172
20.	Northern Alberta	923.0	927.9	766,882	385,659	1,152,541	38,325
21.	Ontario Northland	573.7	573.7	939,945	559,801	1,499,746	31,114
22.	Ottawa and New York	57.3	58.0	35,778	31,704	67,482	154
23.	Pacific Great Eastern	351.5	349.5	231,460	68,285	299,745	30,218
24.	Quebec Railway, Light and Power	25.7	25.0	31,972	331,757	363,729	646
25.	Roberval and Saguenay	29.0	29.0	115,757	-	115,757	124
26.	St. Lawrence and Adirondack	46.5	60.9	71,591	107,620	179,211	1,480
27.	Sydney and Louisburg	70.6	70.6	124,267	35,848	160,115	-
28.	Thousand Islands	4.5	4.5	4,860	14,280	19,140	-
29.	Toronto, Hamilton and Buffalo	103.6	111.0	146,448	151,064	297,512	6,250
30.	Toronto Terminal	3.2	3.2	-	-	-	-
30A	Van Buren Bridge	0.3	-	-	-	-	-
31.	Wabash (in Canada)	-	245.4	940,126	-	940,126	-
32.	Total 1950	42,978.4	44,111.2	81,397,148	43,744,164	125,141,312	2,610,302
33.	Total 1949	42,978.7	44,005.6	81,648,053	45,680,009	127,328,062	2,519,889
34.	Canadian National (Canada and U.S.)	23,936.0	24,188.4	45,458,577	22,387,001	67,845,578	1,660,668

ϕ Track operated under trackage rights excluded.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1950.

	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-Revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	3,120,131	359,989,773	47,768	4,023,411	8,617,976	5,349,285	669,769	1/ 15,279,963	547,491
2.	393,465	4,228,477	21	231	139,760	130,537	-	270,297	6,281
3.	51,975	4,671,191	16,603	1,472,008	375,348	224,219	407	599,974	116,613
4.	196,279	5,634,509	37,564	891,262	337,139	133,801	19,218	490,158	108,090
5.	9,043,395	1,317,445,553	903,637	141,857,292	60,892,396	32,795,562	1,565,461	95,253,419	16,707,917
6.	66,560,958	27,744,278,000	15,652,118	1,307,014,000	1,076,319,162	449,653,262	41,993,169	1,567,965,593	191,361,536
7.	53,915,746	22,987,890,000	10,541,492	1,242,279,000	844,844,599	372,504,083	35,774,783	1,253,123,465	170,636,627
8.	286,539	6,789,300	20,612	469,960	276,861	132,113	11,004	419,978	54,000
9.	4,665,040	815,594,475	-	-	30,082,657	12,600,128	953,422	43,636,207	15,032
10.	579,187	3,222,931	535	9,385	51,870	51,870	6,531	110,271	22,445
11.	1,195,600	5,978,000	-	-	266,910	208,355	19,400	494,665	-
12.	662,131	21,843,162	196,812	6,547,270	818,591	580,813	66,075	1,465,479	524,238
13.	310,042	-	9,002	542,698	-	-	-	-	21,010
14.	302,725	143,418,165	21,247	5,494,111	4,249,193	3,460,186	330,338	8,039,717	1,017,969
14A	-	-	-	-	-	-	-	-	-
15.	207,502	1,058,260	-	-	32,076	28,187	3,318	63,581	-
16.	131,657	1,374,676	3,003	19,504	45,176	34,678	-	79,854	1,164
17.	190,907	12,943,017	51,987	3,070,700	629,117	393,439	19,176	1,041,732	569,756
18.	278,792	1,348,353	161,600	782,144	29,839	29,839	-	59,678	23,464
19.	2,170,573	58,510,238	232,948	9,290,050	1,442,245	1,020,232	43,346	2,505,823	807,460
20.	1,248,601	324,243,964	137,668	14,881,631	14,315,653	6,165,356	713,583	21,194,592	2,967,879
21.	2,533,078	519,728,306	274,279	34,060,020	19,547,525	9,943,158	925,317	30,416,000	4,216,199
22.	200,513	8,392,298	17,457	493,230	256,904	276,124	35,838	568,866	98,261
23.	266,193	53,644,544	40,954	2,669,736	2,278,758	1,151,793	185,506	3,616,057	655,762
24.	464,314	10,041,732	2,026,862	20,068,999	366,264	269,668	32,395	668,327	654,563
25.	2,784,228	54,070,651	87	1,740	1,039,376	947,194	72,162	2,058,732	11,390
26.	956,039	31,752,118	355,778	6,551,926	1,052,320	1,063,027	73,106	2,188,453	491,018
27.	4,171,500	54,211,521	8,069	157,184	1,274,608	1,266,900	95,167	2,636,675	133,810
28.	2/	144,739	3,642	16,425	10,630	4,495	-	15,125	14,280
29.	3,630,566	136,056,237	377,347	13,490,315	3,882,624	1,883,089	144,626	5,910,339	970,460
30.	-	-	-	-	-	-	-	-	-
30A	-	-	-	-	-	-	-	-	-
31.	3,841,244	849,396,049	2/	2/	36,625,922	11,645,607	917,448	49,188,977	45,840
32.	3/ 144,218,319	55,537,900,239	31,139,092	2,816,154,232	2,110,101,499	913,947,000	84,670,565	3,109,361,997	392,800,555
33.	3/ 142,719,431	56,338,230,997	34,883,803	3,193,174,337	2,084,159,124	937,760,223	85,002,279	3,107,776,485	407,421,229
34.	81,364,658	31,988,269,548	16,819,857	1,407,724,037	1,226,527,761	531,072,795	45,543,687	4/ 1,806,771,673	206,864,381

1/ Includes 642,933 miles in non-revenue Service-undistributed.

2/ Included in Canadian National Report.

3/ Excludes duplications.

4/ Includes 3,627,430 miles in work service-undistributed.

TABLE 3

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1950

No.	Division	Average Number of Employees (1)	Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages	
						Per Hour (D - Days)	Per Year
				$		$	$
	GENERAL AND MISCELLANEOUS						
1.	Executives, General Officers and Assistants	593	D 181,575	5,587,182	D 306	D 30.50	9,338
2.	Division Officers	1,141	D 367,338	5,928,609	D 322	D 16.14	5,196
3.	Assistant Engineers and Draftsmen	856	D 264,108	2,922,478	D 309	D 11.07	3,414
4.	Other Miscellaneous Officials	1,441	D 436,003	6,248,317	D 303	D 14.33	4,336
5.	Clerks	19,331	D 5,877,486	50,947,950	D 304	D 8.67	2,636
6.	Telephone Switchboard Operators	251	D 72,602	511,349	D 289	D 7.04	2,037
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,856	D 544,177	3,535,418	D 293	D 6.50	1,905
8.	Janitors and Cleaners	1,127	D 333,909	2,198,266	D 296	D 6.58	1,951
	Total ..... (Daily basis)	26,596	D 8,077,198	77,829,569	D 304	D 9.64	2,926
	MAINTENANCE OF WAY AND STRUCTURES						
9.	Bridge and Building Department Foremen	576	D 177,517	1,736,186	D 308	D 9.78	3,014
10.	Carpenters and Bridgemen	2,585	6,157,661	6,574,603	2,382	1.07	2,543
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	433	1,064,904	1,293,342	2,459	1.21	2,987
12.	Masons, Bricklayers, Plasterers and Painters	446	1,046,578	1,151,728	2,347	1.10	2,582
13.	Helpers, B. and B. Department	462	1,084,281	1,045,806	2,347	0.97	2,266
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	808	2,249,996	2,609,653	2,785	1.16	3,230
16.	Pumpmen	355	956,365	936,575	2,694	0.98	2,638
17.	Extra Gang and Snow Plough Foremen	464	1,191,334	1,498,821	2,568	1.26	3,230
18.	Signal Foremen	63	D 19,796	273,557	D 314	D 13.82	4,342
19.	Section Foremen	6,050	15,473,064	16,429,616	2,558	1.06	2,716
20.	Sectionmen	18,035	43,268,203	38,909,295	2,399	0.90	2,157
21.	Labourers	8,032	19,814,538	13,276,935	2,467	0.67	1,653
22.	Foremen, Linemen	38	D 12,912	142,406	D 340	D 11.03	3,748
23.	Telegraph and Telephone, Linemen and Groundmen	79	167,593	207,448	2,121	1.24	2,626
24.	Signal and Interlocker Maintainers and Repairmen	749	1,950,216	2,218,426	2,604	1.14	2,962
	Total ..... (Daily basis)	677	D 210,225	2,152,149	D 311	D 10.24	3,179
	(Hourly basis)	38,498	94,424,753	86,153,248	2,453	0.91	2,238
	Total	39,175	-	88,305,397	-	-	2,254
	MAINTENANCE OF EQUIPMENT						
25.	General Foremen	107	D 33,585	459,536	D 314	D 13.68	4,295
26.	Department and Gang Foremen	2,721	D 858,479	9,934,569	D 316	D 11.57	3,651
27.	Blacksmiths	734	1,614,506	2,049,497	2,200	1.27	2,792
28.	Boilermakers	1,483	3,335,301	4,269,747	2,249	1.28	2,879
29.	Carmen (A)	2,884	6,245,014	8,079,966	2,165	1.29	2,802
30.	Carmen (B)	608	1,322,489	1,689,202	2,175	1.28	2,778
31.	Carmen (C)	7,576	17,873,862	21,607,300	2,359	1.21	2,852
32.	Carmen (D)	209	441,820	542,555	2,114	1.23	2,596
33.	Electrical Workers	1,253	2,942,431	3,676,925	2,348	1.25	2,934
34.	Machinists	5,440	12,193,464	15,508,724	2,241	1.27	2,851
35.	Moulders	133	284,477	368,290	2,139	1.29	2,769
36.	Pipe Fitters and Sheet Metal Workers	1,493	3,248,271	4,197,453	2,176	1.29	2,811
37.	Helpers to Mechanics	9,578	21,919,899	22,865,997	2,289	1.04	2,387
38.	Helpers Apprentices	29	68,459	67,605	2,361	0.99	2,331
39.	Regular Apprentices	1,885	3,973,392	3,630,860	2,108	0.91	1,926

40.	Car Cleaners	1,968	4,886,047	4,398,767	2,483	0.90	2,235
41.	Other Unskilled Employees	4,679	11,378,926	10,429,068	2,432	0.92	2,229
42.	Unclassified Labourers	3,242	7,172,533	6,332,102	2,212	0.88	1,953
43.	Stationary Engineers, Firemen and Oilers	835	2,148,377	2,297,867	2,573	1.07	2,752
	Total ..... (Daily basis)	2,828	D 892,064	10,394,105	D 315	D 11.65	3,675
	(Hourly basis)	44,029	101,049,268	112,011,925	2,295	1.11	2,544
	Total	46,857	-	122,406,030	-	-	2,612
	TRANSPORTATION						
44.	Inspectors and Sergeants of Police	222	D 68,345	802,660	D 308	D 11.74	3,616
45.	Constables and Policemen	730	D 231,171	2,168,019	D 317	D 9.38	2,970
46.	Storekeepers	272	D 84,206	882,995	D 310	D 10.48	3,246
47.	Storemen	2,194	4,923,118	4,805,680	2,244	0.98	2,190
48.	Train Despatchers and Traffic Supervisors	641	1,592,818	2,897,046	2,485	1.82	4,520
49.	Supervisory Agents and Assistants	577	1,441,041	2,026,318	2,497	1.41	3,512
50.	Stations Agents Non-telegraphers (small station)	141	337,671	292,297	2,395	0.87	2,073
51.	Station Agents, Telegraphers and Telephoners	5,918	15,000,785	18,191,451	2,535	1.21	3,074
52.	Signalmen (non-telegraphers) at Interlockers	224	567,671	615,910	2,534	1.08	2,750
53.	Foremen in Freight Sheds	576	1,367,192	1,628,081	2,374	1.19	2,827
54.	Freight Handlers and other Station Employees	7,122	15,683,214	15,493,972	2,202	0.99	2,176
55.	Labourers	1,084	2,546,288	2,289,666	2,349	0.90	2,113
56.	Dining Car and Restaurant Inspectors, Conductors & Stewards	337	D 111,499	1,079,967	D 331	D 9.69	3,205
57.	Dining Car and Restaurant Helpers & Attendants	2,131	D 662,938	4,594,473	D 311	D 6.93	2,156
58.	News Agents	194	D 56,747	357,094	D 293	D 6.29	1,841
59.	Floating Equipment Employees	1,216	3,254,469	2,956,010	2,676	0.91	2,431
60.	Sleeping and Parlour Car Inspectors and Conductors	236	D 78,655	760,228	D 333	D 9.67	3,221
61.	Sleeping and Parlour Car Porters	1,300	D 430,359	3,009,186	D 331	D 6.99	2,315
62.	Drawbridge Operators	99	247,676	276,215	2,502	1.12	2,790
63.	Signalmen or Watchmen at Crossings, non-interlocked	533	1,378,125	1,189,374	2,596	0.86	2,231
64.	Yardmasters and Assistants	701	D 215,799	2,794,459	D 305	D 12.95	3,986
65.	Switch Tenders	397	D 130,266	1,100,412	D 328	D 8.45	2,772
66.	Hostlers	655	D 223,930	2,053,615	D 342	D 9.17	3,135
67.	Road Passenger Conductors	835	1,985,561	3,838,470	2,378	1.93	4,597
68.	Road Freight Conductors	2,617	7,166,906	12,171,386	2,739	1.70	4,651
69.	Road Passenger Brakemen, Baggagemen and Flagmen	1,937	4,362,558	6,889,831	2,252	1.58	3,557
70.	Road Freight Brakemen and Flagmen	6,486	14,488,770	20,969,636	2,234	1.45	3,233
71.	Yard Conductors and Yard Foremen	1,750	4,962,176	6,859,973	2,836	1.38	3,920
72.	Yard Brakemen and Helpers	4,299	10,264,991	13,066,328	2,358	1.27	3,039
73.	Road Passengers Engineers and Motormen	1,064	2,210,833	5,634,035	2,078	2.55	5,295
74.	Road Freight Engineers and Motormen	3,616	8,924,473	16,391,215	2,468	1.84	4,535
75.	Yard Engineers and Motormen	1,662	4,936,382	6,904,324	2,970	1.40	4,154
76.	Road Passenger Firemen and Helpers	1,062	2,136,840	4,662,597	2,012	2.18	4,390
77.	Road Freight Firemen and Helpers	4,003	8,889,538	13,491,411	2,221	1.52	3,370
78.	Yard Firemen and Helpers	1,729	4,893,165	5,620,138	2,830	1.15	3,251
	Total ..... (Daily basis)	7,175	D 2,293,915	19,603,108	D 320	D 8.55	2,732
	(Hourly basis)	51,385	123,562,261	169,161,964	2,405	1.37	3,292
	Total	58,560	-	188,765,072	-	-	3,223
79.	Express Department	4,880	D 1,546,388	13,087,217	D 317	D 8.46	2,682
80.	Communication Department	8,184	19,316,157	19,724,390	2,360	1.02	2,410
81.	Employees Engaged in Outside Operations	6,133	14,915,139	12,890,840	2,432	0.86	2,102
	GRAND TOTAL .... (Daily basis)	42,156	D 13,019,790	123,066,148	D 309	D 9.45	2,919
	(Hourly basis)	148,229	353,267,578	399,942,367	2,383	1.13	2,698
	Total - 1950 (2)	190,385	-	523,008,515		-	2,747
82.	Total number of Female Employees (monthly Average)	9,758	-	-	-	-	-
83.	Total pay roll charged to operating expenses	-	-	477,249,669	-	-	-
84.	Pullman, Bridge and Tunnel Companies (Daily basis)	139	D 50,628	496,063	D 364	D 9.80	3,569
	(Hourly basis)	79	225,741	247,252	2,857	1.10	3,130
	Total	218	-	743,315	-	-	3,410

(1) Average of counts made each month.

(2) Includes $7,896,184 for employees domiciled outside of Canada.

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